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1916/17

MUHLENBERG COLLEGE

ALLENTOWN, PENNSYLVANIA

REGISTRAR'S OFFICE
BROWN UNIVERSITY
PROVIDENCE - - R. I.

CATALOG

1917

CATALOG

OF

MUHLENBERG COLLEGE

ALLENTOWN, PA.

FOR THE

FIFTIETH COLLEGIATE YEAR

1917

ALLENTOWN, PA.
1917

COLLEGE CALENDAR.

1917

Jan. 2 .....Christmas Vacation ends.
Jan. 23 .....Semi-annual Board Meeting.
Jan. 22-26 .....First Term ends; Mid-year Examinations
Feb. 22 .....Washington's Birthday.
Apr. 4-9 .....Easter Recess.
May 14-18 .....Final Examination of Senior Class.
June 4-June 8 .....Examination of lower classes for promotion.
June 10 .....Baccalaureate Sermon.
June 11 .....President's Reception to the Seniors.
June 12 .....Junior Oratorical Prize Contest, 10 a. m.
June 12 .....Senior Class Day Exercises, 2 p. m
June 13 .....Alumni Re-union.
June 13 .....Annual Board Meeting, at 10.00 a. m.
June 14 .....Commencement and Conferring of Degrees.

SUMMER VACATION

1917-1918

Sept. 13 .....First Term begins.
Nov. 29-Dec. 2 .....Thanksgiving Recess.
Dec. 17 .....Christmas Vacation begins.

1918

Jan. 2 .....Christmas Vacation ends.
Jan. 25-31 .....First Term ends; Mid-year Examinations
Mar. 29-Apr. 1 .....Easter Recess.
June 9-13 .....Commencement Week.

BOARD OF TRUSTEES.

Term Expires.

1918	Rev. James L. Becker, D.D.	Lansdale.
1917	Theo. C. Birnbaum	Philadelphia
1918	Reuben J. Butz, Esq	Allentown.
1917	Oliver M. Clauss	Allentown.
1918	D. D. Fritch, M.D	Macungie.
1918	Rev. Geo. Gebert, D.D	Tamaqua,
1919	Rev. C. M. Jacobs, D.D	Philadelphia.
1919	Rev. W. D. C. Keiter, D.D	Allentown.
1917	John Kutz	Reading.
1919	Hon. C. R. Lantz	Lebanon.
1917	Evan B. Lewis, Esq	Philadelphia.
1919	Mr. Geo. W. March	Norristown.
1919	Mr. Chas. F. Mosser	Allentown.
1918	Mr. George K. Mosser	Noxen.
1917	Samuel N. Potteiger	Reading.
1918	Rev. J. Chas. Rausch	Allentown.
1917	Rev. T. E. Schmauk, D.D., LL.D	Lebanon.
1919	Howard S. Seip, D.D.S	Allentown.
1919	Rev. A. Steimle	Allentown.
1919	Col. Harry C. Trexler	Allentown.
1918	Rev. J. H. Umbenhen, Ph.D	Pottsville.
1917	Rev. J. H. Waidelich	Sellersville.
1917	R. D. Wenrich, M.D	Wernersville.
1917	Rev. S. G. Weiskotten, D.D	Brooklyn, N. Y
1918	Rev. J. E. Whitteker, D.D	Lancaster.
1917	Mr. P. H. Wohlsen	Lancaster.
1919	Col. E. M. Young	Allentown.
1919	Rev. A. T. W. Steinhaeuser, D.D	Allentown.
1917	Rev. I. Chantry Hoffman	Philadelphia.
1918	Mr. Frank D. Bittner	Allentown.

OFFICERS AND COMMITTEES OF THE BOARD

Reuben J. Butz, Esq., *President of the Board.*
Rev. W. D. C. Keiter, D.D., *Secretary of the Board.*
Oscar F. Bernheim, *Treasurer and Registrar, Allentown, Pa.*

CENTRAL EXECUTIVE COMMITTEE.

Reuben J. Butz, Esq., *Chairman.*
Rev. W. D. C. Keiter, D.D., *Secretary.*
D. D. Fritch, M.D.
Rev. J. A. W. Haas, D.D., *Ex-officio.*
Rev. J. H. Waidelich.
Chas. F. Mosser.

Rev. J. C. Rausch, D.D.
Howard S. Seip, D.D.S.
Rev. A. Steimle.
Frank D. Bittner
Oliver M. Clauss

EXAMINATION COMMITTEE.

Rev. W. D. C. Keiter, D.D. Rev. J. C. Rausch, D.D.

FACULTY AND INSTRUCTORS.

REV. JOHN A. W. HAAS, D.D., LL.D.
President's Residence, Campus.

President; Professor of Religion and Philosophy.

A. B., University of Pennsylvania, 1884; A. M., and B.D., University of Pennsylvania, 1887; Graduate Work, University of Leipsic. 1887-88; D.D., Thiel College, 1902; LL.D., University of Pennsylvania, 1914.

GEORGE T. ETTINGER, PH.D.
1114 Hamilton Street.

Dean; Professor of the Latin Language and Literature, and Pedagogy.

A. B., Muhlenberg College, 1880; A. M., Muhlenberg College, 1883; Ph.D., New York University, 1891.

REV. WILLIAM WACKERNAGEL, D.D.
626 Chew Street.

Chaplain; Professor of Modern Languages and Literature.

A. M., Muhlenberg College, 1882; D.D., University of Pennsylvania, 1883.

REV. JOHN A. BAUMAN, PH.D.
399 Turner Street.

Professor of Mathematics and Astronomy.

A. B., Muhlenberg College, 1873; A. M., Muhlenberg College, 1876; Ph.D., Muhlenberg College, 1894.

ROBERT C. HORN, A.M.
132 North Fourth Street

Mosser-Keck Professor of the Greek Language and Literature.

A. B., Muhlenberg College, 1900; A. M., Muhlenberg College, 1903; A. M., Harvard University, 1904; Graduate Work, Johns Hopkins University, 1900-1901; Harvard University, 1903-1904; 1907-1908.

WILLIAM H. REESE, D. Sc.
Muhlenberg College

Asa Packer Professor Natural and Applied Sciences.

Ph.B., Lafayette College, 1896; M. S., Lafayette College, 1899; Graduate Work, Lafayette College 1897-1902; New York University, 1902-1903; 1908-1909. D. Sc., Muhlenberg College, 1914.

REV. ROBERT R. FRITSCH, A.M.
1232 Turner Street.
Assistant Prof. of German and Religion
A.B., Muhlenberg College, 1900; A.M., Muhlenberg College, 1903; A.M., Illinois Wesleyan University, 1907; Graduate Work, University of Penna., 1910-1913.

HARRY D. BAILEY, A.M.
1728 Linden Street.
Professor of Biology.
A. B., Lafayette College, 1904; A. M., Lafayette College, 1911.

STEPHEN G. SIMPSON, A.M.
28 N. Franklin Street
Librarian; Assistant Prof. of English.
A. B., Lafayette College, 1896; A. M., Lafayette College, 1899.

JAMES H. S. BOSSARD, A.M.
1307 Hamilton Street
Assistant Prof. of History, Economics and Sociology.
A.B., Muhlenberg College, 1909; A.M., University of Penna., 1911; Graduate Work, University of Penna., 1911-1914.

REV. JOHN D. M. BROWN, A.M.
117 North West Street.
Assistant Prof. of English.
A. B., Muhlenberg College, 1906. A.M., Columbia University, 1907.
Mount Airy Theol. Seminary, 1910.
University of Grenoble, Summer 1914.

ALBERT C. H. FASIG, M.S.
131 N. Franklin Street.
Instructor in Chemistry and Physics.
A. B., Muhlenberg College, 1909; M. S., Muhlenberg College, 1910.

HAROLD K. MARKS, A.B.
314 North Franklin Street.
Instructor in Music
A.B., Muhlenberg College, 1907.

WILLARD D. KLINE, M.D.
24 North Eighth Street.
Examining Physician.
A. B., Muhlenberg College, 1897; A. M., Muhlenberg College, 1900; M. D Jefferson Medical College, 1901.

WM. J. SCHATZ, M.D.
Physical Director

SPECIAL LECTURES IN 1916

Opening Address
REV. GEORGE W. RICHARDS, D.D.
Lancaster, Pa.

The Origin of Languages
PROF. A. CARNOY
New York City

South America
REV. S. D. DAUGHERTY, D.D.
Philadelphia, Pa.

The Rise of the Renaissance
REV. GEORGE S. BUTZ, D.D.
New Holland, Pa.

The American Rose Garden
ROBERT PYLE
Swarthmore, Pa.

A Thousand Miles Down the Tigris River
PROF. EDGAR J. BANKS, Ph.D.
Columbia University, New York City

In the Wordsworth Country
PROF. ROY W. PACE, PH.D.
Swarthmore College, Swarthmore, Pa.

A Family of Spinners
PROF. SAMUEL C. SCHMUCKER, Sc.D.
Westchester, Pa.

The Mind of the Adolescent
PROF. J. BRUSE BIRCH, Ph.D.
Wittenberg, Ohio

MUHLENBERG COLLEGE.

This institution was originally called the *Allentown Seminary,* which name it retained until 1864, when, by an Act of the Legislature of Pennsylvania, it was incorporated with full collegiate powers under the title of the "Allentown Collegiate Institute and Military Academy." In the year 1867 its control passed into the hands of a board of trustees, chiefly members of the Evangelical Lutheran Church, who had the charter amended by the Court of Lehigh County, formed themselves into a joint stock company, named the institution MUHLENBERG COLLEGE, after the honored patriarch of the Lutheran Faith in this country, and established a full collegiate course of studies.

Subsequently the institution, by surrender of the stock, and with a charter amended by the proper Court, was put under the direct control of the "Evangelical Lutheran Ministerium of Pennsylvania and Adjacent States." Its trustees are now elected by that body.

LOCATION.

Allentown is located fifty-nine miles north of Philadelphia, and ninety miles from New York City. The city has frequent and direct communications with New York, Philadelphia and other important points by L. V. R. R., C. R. R. of N. J. and P. & R. R. R.; and with Philadelphia by means of the express service of the L. V. Traction Co.

COLLEGIATE DEPARTMENT.

TERMS OF ADMISSION.

Advanced Standing.

Sophomore Class. Candidates for admission shall be required to satisfy as many units of Freshman work as we require of our own Freshmen. For system of units see page 19. No student, except one coming from another reputable college, shall in any case be admitted to higher standing than the Sophomore Class.

Junior Class. Candidates for admission shall be required to satisfy as many units of Sophomore work as we require of our own Sophomores. For system of units see page 19.

Senior Class. Candidates for admission shall be required to satisfy as many units of Junior work as we require of our own Juniors. For system of units see page 19.

No bachelor's degree shall be conferred unless the candidate has been in residence at least one year.

ADMISSION TO FRESHMAN CLASS

Candidates for admission to the Freshman Class, except such as are admitted on certificate from reputable and properly accredited fitting schools, must sustain an examination. The subjects presented for admission must amount in all to 15 units. A unit consists of a year's work in a subject of four one-hour periods or five three-quarter hour periods per week; or "of a year's study in a subject representing approximately a quarter of a full year's work." The subjects which must be presented for admission to the Freshman Class, together with the number of units at which each is valued, are as follows:

FOR COURSE IN ARTS (A.B.)

Latin	4	Units
German	2	"
Greek	2	"
English	3	"
Mathematics	2½	"
	13½	Units

And at least one and one-half units from the list given on page 17. Or, if Greek is not offered, at least three and one-half units from the list on page 17.

FOR COURSE IN SCIENCE (B.S.)

German or Latin	3	Units
English	3	"
Mathematics	2½	"
Chemistry or Physics	1	Unit
	9½	Units

And at least five and one-half units from the list on page 17.

FOR COURSE IN PHILOSOPHY (PH.B.)

Latin	3	Units
English	3	"
German or French	2	"
Mathematics	2½	"
History	1	Unit
	11½	Units

And at least three and one-half units from the list given on page 17.

ADMISSION SUBJECTS IN DETAIL.

Greek.—Greek Grammar, and Prose Composition as found in White's First Lessons in Greek, or equivalent, and four books of Xenophon's Anabasis. 2 units.

Advanced Greek.—Homer's Iliad, six books, including Prosody. 1 unit.

Latin.—Latin Grammar, and Prose Composition as found in Collar and Daniel's First Latin Book, four books of Cæsar's Commentaries, and six orations of Cicero, including *For the Manilian Law.* 3 units.

Advanced Latin.—Virgil's Æneid, Books I-VI, including Prosody. 1 unit.

English.—English Grammar complete and Rhetoric. Applicants must also have read the books in English prescribed by the "Association of Colleges and Preparatory Schools in the Middle States and Maryland," or equivalents, and be examined on them. In place of part or all of this test, the candidate may present a properly attested exercise-book containing compositions and other written work done in connection with the reading of the books. 3 units.

Requirements for 1915-19 Reprinted from the Official Report of the Committee.

Preparation in English has two main objects: (1), command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION.

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description,

and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE.

The second object is sought by means of two lists of books, headed respectively *reading* and *study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(A) READING. The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad. with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI;

Aeneid; the Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—Midsummer Night's Dream; Merchant of Venice; As You Like It; Twelfth Night; The Tempest; Romeo and Juliet; King John; Richard II; Richard III; Henry V; Coriolanus; and if not chosen for study under B, Julius Cæsar; Macbeth; Hamlet.

GROUP II. PROSE FICTION.—Malory's Morte d'Arthur (about 100 pages); Bunyan's Pilgrim's Progress, Part I; Swift's Gulliver's Travels (voyages to Lilliput and to Brobdingnag); Defoe's Robinson Crusœ, Part I; Goldsmith's Vicar of Wakefield; Frances Burney's Evelina; Scott's Novels, any one; Jane Austen's Novels, any one; Maria Edgeworth's Castle Rackrent, or the Absentee; Dickens's Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell's Cranford; Kingsley's Westward Ho! or Hereward, the Wake; Reade's The Cloister and the Hearth; Blackmore's Lorna Doone; Hughes's Tom Brown's School Days; Stevenson's Treasure Island, or Kidnapped, or Master of Ballantræ; Cooper's Novels, any one; Poe's Selected Tales; Hawthorne's The House of the Seven Gables, or Twice Told Tales, or Mosses from an Old Manse; a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele's The Sir Roger de Coverley Papers, or selections from the *Tatler* and *Spectator* (about 200 pages); Boswell's life of Johnson (selections from, about 200 pages); Franklin's Autobiography; Irving's Sketch Book (selections from, about 200 pages), or life of Goldsmith; Southey's Life of Nelson; Lamb's Essays of Elia (selections from, about 100 pages); Lockhart's Life of Scott (selections from, about 200 pages): Thackeray's Lectures on Swift, Addison, and Steele in the English Humorists; Macaulay's Essays on Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay (any one); Trevelyan's Life of Macaulay (selections from, about 200 pages); Ruskin's Sesame and Lilies, or Selections (about 150 pages); Dana's Two Years before the Mast; Lincoln: selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman's The Ore-

gon Trail; Thoreau's Walden; Lowell's Selected Essays (about 150 pages); Holmes's The Autocrat of the Breakfast Table; Stevenson's An Inland Voyage and Travels with a Donkey; Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; a collection of Essays by Bacon, Lamb, De Quincy, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V. POETRY.—Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith's The Traveller and The Deserted Village; Pope's The Rape of the Lock; a collection of English and Scottish Ballads, as, for example, some Robin Hood Ballads, The Battle of Otterburn, King Estmere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads; Coleridge's The Ancient Mariner, Christabel, and Kubla Khan; Byron's Childe Harold, Canto III or IV, and The Prisoner of Chillon; Scott's The Lady of the Lake, or Marmion; Macaulay's The Lays of Ancient Rome, The Battle of Naseby, The Armada, Ivry; Tennyson's The Princess or Gareth and Lynette, Launcelot and Elaine, and The Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervè Riel, Pheidippides, My Last Duchess, Up at a Villa —Down in the City, The Italian in England, The Patriot, The Pied Piper, "De Gustibus"—, Instans Tyrannus; Arnold's Sohrab and Rustum, and The Forsaken Merman; selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

(B) STUDY. This part of the requirement is intended as a natural and logical continuation of the student's earler reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare's Julius Cæsar; Macbeth; Hamlet.

GROUP II. POETRY.—Milton's L'Allegro, Il Penseroso, and either Comus or Lycidas; Tennyson's The Coming of Arthur, The

Holy Grail, and The Passing of Arthur; the selections from Wordsworth, Keats, and Shelly in Book IV of Palgrave's Golden Treasury (First Series).

GROUP III, ORATORY.—Burke's Speech on Conciliation with America; Macaulay's Two Speeches on Copyright and Lincoln's Speech at Cooper Union; Washington's Farewell Address and Webster's First Bunker Hill Oration.

GROUP IV. ESSAYS.—Carlyle's Essay on Burns, with a selection from Burns's Poems; Macaulay's Life of Johnson; Emerson's Essay on Manners.

STUDY.

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading are provided a play, a group of poems, an oration, and an essay, as follows:

Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; either Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; either Macaulay's Life of Johnson, or Carlyle's Essay on Burns.

German.—German Grammar as found in Joynes-Meissner's Grammar. The student must also have read 250 to 300 pages of German prose and poetry and must have the ability to translate simple English prose into German (about 100 lessons). Some of the books recommended for reading are Glück Auf, Storm's Immensee, Heyse's L'Arrabbiata, Hauff's Das Kalte Herz, Hillern's Hoeher als die Kirche, Zschokke's Der Zerbrochene Krug, Gerstaecker's Germelshausen. 2 units.

Advanced German.—As recommended by the Modern Language Association of America, this work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry,

with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and the subjunctive), and likewise in word order and word formation. 1 unit.

French.—French Grammar. The student must also have read 100 to 175 pages of French in graduated texts and 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, and must have the ability to translate simple English prose into French. Among the texts that we recommend are: Aldrich and Foster's Grammar, Aldrich and Foster's Reader, Sanderson's Through France and the French Syntax, Bacon's Une Semaine á Paris, Laboulaye's Contes Bleus, Feuillet's Roman d' un Jeune Homme Pauvre. 2 units.

Mathematics.—Arithmetic including the Metric System, Wentworth's Higher Algebra thru Quadratics, and Wentworth's Plane Geometry. 2½ units.

Advanced Mathematics.—Solid Geometry. ½ unit.

History.—

(a) American History and Civics. 1 unit.
(b) Greek and Roman History. 1 unit.
(c) English History. 1 unit.
(d) General History. 1 unit.

Science.—Physical Geography, Physiology, Zoology, Botany and Astronomy will each count one-half unit. Chemistry and Physics, if accompanied by laboratory work, will each count one unit.

Summary of Subjects and Points

	Units
Latin	3
Advanced Latin	1
Greek	2
Advanced Greek	1
English	3
German	2
Advanced German	1
French	2
Advanced French	1
Mathematics	2½
Advanced Mathematics	½
History, a, b, c, d, each	1
Physics	1
Chemistry	1
Physical Geography	½
Physiology	½
Zoology	½
Botany	½
Astronomy	½

COURSES OF INSTRUCTION.

There are three courses, under which the various subjects are grouped, the *Classical,* the *Scientific* and the *Philosophical.* With a necessary nucleus of required studies there is combined in the higher classes such a range of electives as may properly be left to the choice of the individual student. But even among electives certain studies are required of or recommended to those who are preparing for theology or medicine. All other students have as wide and free a choice as a liberal or scientific collegiate education, and the attestation which the respective degrees ought justly and historically to give, will wisely permit.

The Course in Arts, ending in the degree A.B., looks to the general liberal culture, which is a prerequisite for any of the learned professions or for specialization in cultural subjects in university work. The studies in the Course in Arts are also those which will most benefit any man seeking a higher education, that is becoming so valuable in any walk of life, and especially the higher business interests of our age.

The Course in Science, ending in the degree B.S., with a broad basis of general knowledge places Modern Languages and Mathematics in the center. It offers a good collegiate preparation for special university work in the Sciences, and is of advantage to the future student of medicine. At the same time it offers a good education for young men who intend devoting themselves to any of the industrial arts.

The Course in Philosophy, ending in the degree Ph.B., is planned in response to a growing demand for a course in which Philosophy, History, Economics and the Modern Languages should hold the most prominent place. This course

aims to lay a broad and deep foundation in the subjects considered essential for a successful career in business or the various professions, while imparting the knowledge, the culture and the training absolutely necessary for the solution of the current problems in philosophy and religion, as well as for the full and satisfactory performance of the daily duties of intelligent citizenship. The course is especially offered and recommended to teachers and young men of more advanced age who have never studied Greek, but otherwise have had sufficient preparation to benefit by the study of the many important subjects so intimately connected with the thought, the culture and the progress of modern life.

Special courses may be chosen in those departments where it is deemed advisable. But under no conditions will any student be allowed to do so unless he presents the full requirements for admission to the Freshman class.

No special course has been arranged to conform with the requirements of the Bureau of Medical Education and Licensure of the State of Pennsylvania. Provision has, however, been made for such students in Modern Languages (French 131, Scientific German 111); Chemistry, 233 and 234; Physics, 220 and 221; and Biology, 250, 251 252, 253 and 254.

SYSTEM OF CREDITS FOR GRADUATION

Unit of Work.

One hour of lecture or recitation work a week thruout the year, or two hours of laboratory work a week thruout the year, are accredited as one unit.

Total number of units required of Freshmen	21
Total number of units required of Sophomores	20
Total number of units required of Juniors	16
Total number of units required of Seniors	15
Total number of units required for graduation	72

REQUIRED COURSES

Studies	A. B. Course			Ph. B. Course			B. S. Course		
FRESHMEN	First Term	Second Term	Units	First Term	Second Term	Units	First Term	Second Term	Units
Religion	1	1	2	1	1	2	1	1	2
Greek	50,52	51,52	4						
Latin	71,73	72,73	4	71,73	72,73	4	*		
English	90,93	90,102	3	90,93	90,102	3	90,93	90,102	3
German	110	110	2	110,111	110,111	4	110,111	110,111	4
French				130	130	2	130	130	2
History	170	170	2	170	170	2	170	170	2
Mathematics	200,201	200,202	3	200,201	200,202	3	200,201	200,201	3
Chemistry							232,233	232,234	4
Physical Culture			1			1			1
			21			21			21
SOPHOMORES									
Religion	2	2	2	2	2	2	2	2	2
Greek	53	54	3						
Latin	74,77	75,76	3	74,77	75,76	3			
English	94,103	94,91	3	94,103	94,91	3	94,103	94,103	3
German				113	113	1	113	113	1
German	112	112	2	112	112	2	112	112	2
French				132	132	2	132	132	2
History	171	171	2	171	171	2			
Mathematics	203,204	205,206	2	203,204	205,206	2	203,204	205,206	2
Chemistry	230,231	230,231	2	230,231	230,231	2	234	235	5
Biology							250	251	2
Physical Culture			1			1			1
			20			20			20
JUNIORS									
Religion	3	4	2	3	4	2	3	4	2
Philosophy	20	21	2	20	21	2	20	21	2
English	95	95	2	95	95	2			
History	172	173	1	172	173	1			
Economics				190	190	2			
Physics	220	220	2	220	220	2	221,222	221,222	5
Biology							252,253	254	4
			9			11			13
SENIORS									
Religion	5		1	5		1	5		1
Ethics		24	1		24	1		24	1
English	96	96	2	96	96	2			
History	174	174	2	174	174	2			
Sociology				191	191	2			
Chemistry							236	236	5
Biology							255,256	257	4
			6			8			11

*Latin may be elected.

Units for Promotion

Any student who has completed as many as 16 units of Freshman work at the end of his Freshman year shall be promoted to the Sophomore Class. The units not satisfactorily completed shall be counted as conditions which must be removed during the first term of the following year.

Any student who has completed as many as 36 units of college work at the end of the Sophomore year shall be promoted to the Junior class. The units not satisfactorily completed shall be counted as conditions which must be removed during the first term of the following year.

Any student who has completed 57 units of college work at the end of his Junior year shall be promoted to the Senior Class. No student will be admitted to the Senior Class if he has any conditions whatsoever.

Any student who fails of promotion to a higher class, must take over again in class those studies in which he has failed. If he shows special fitness he may be allowed to take some studies with the next higher class; but he ranks as a member of the class from which he was not promoted.

Senior Language Requirements

Each Senior shall be required to take two foreign languages, unless he shall have shown proficiency by examination during the second semester of the Junior year in the reading of any two foreign languages. All Juniors shall report to Assistant Prof. Fritsch by March the first to make arrangements for the examination which shall be conducted by him between March the first and June the first.

Requirements for Degrees

The three degrees, A.B., B.S. and Ph.B. are conferred only on the satisfactory completion of seventy-two units of

work, and a satisfactory thesis, the subject of which must be handed in on or before January the first of the Senior year.

ELECTIVES

The minimum number of units in the Junior year shall be sixteen, and in the Senior year fifteen. In both of these years a sufficient number of elective units must be chosen, which if added to the required units, will total these numbers. The maximum number of units allowed for the upper classes is eighteen. As stated elsewhere, all electives must be handed to the Dean on or before June 1st of the year when the elective course is to be taken. The major part of the electives should be chosen from the related subjects of a group.

JUNIOR ELECTIVES.

Studies.	Number of Course.	Credits.
Greek	55	2
Latin	78, 79	2
Latin	83, 84, 85	
German	114	2
German	115	2
French	134	2
French	135	2
Spanish	150	2
Italian	160	1
English	92	1
English	101	1
English	104	1
English	106	1
English	107	1
History	172, 173	2
History	174	2
Economics	190	2
Sociology	192	1
Chemistry	240	2
Physics	241	2

Studies.	Number of Course.	Credits.
Biology	252, 253, 254	4
Mathematics	208	2
Mathematics	211, 212	2
Pedagogy	30, 31	2
Music	40	1

SENIOR ELECTIVES.

Greek	55	2
Latin	80, 81	2
Latin	85, 86, 87	
German	116	2
German	117	2
French	136	2
French	137	2
Spanish	151	2
Italian	160	1
English	96	2
English	97, 98	2
English	105	1
English	106	1
English	107	2
History	174	2
Sociology	191	2
Sociology	192	1
Chemistry	237	2
Chemistry	238, 239	3
Chemistry	240	2
Biology	258	1
Geology	270	2
Mathematics	209	2
Mathematics	210	3
Philosophy	22	3
Aesthetics	23	1
Pedagogy	32, 33	2
Music	41	1

FRESHMAN SCHEDULE

Time	Course	Monday	Term 1	Term 2	Tuesday	Term 1	Term 2	Wednesday	Term 1	Term 2	Thursday	Term 1	Term 2	Friday	Term 1	Term 2
	A.B.	Latin(Sec.1)	71	72	Algb.(Sec.1)	200	200				Algb.(Sec.2)	200	200	Greek	52	52
8.40	Ph.B.	Algb.(Sec.2)	200	200	His. (Sec. 2)	170	170	French	130	130	His. (Sec. 1)	170	170			
	B.S.	Algb.(Sec.2)	200	200	His. (Sec. 2)	170	170	French	130	130	His. (Sec. 1)	170	170			
9.40		Chapel			Chapel			Chapel			Chapel			Chapel		
	A.B.				Greek	50	51	His. (Sec. 1)	170	170	Greek	50	51	Latin(Sec.2)	73	73
10.00	Ph.B.	Eng. (Sec.2)	93		German	110	110	His. (Sec. 1)	170	170				Geom.(Sec.1)	201	202
	B.S.	Eng. (Sec.2)	93		German	110	110	His. (Sec. 1)	170	170	Chemistry	232	232	Chemistry	232	232
	A.B.	Eng. (Sec.1)	93		Eng. (Sec.1)		102	Eng.(Sec.1)	90	90				Eng. (Sec. 1)	90	90
11.00	Ph.B.	French	130	130	Eng. (Sec. 2)	90	90	German	111	111	Eng. (Sec. 2)	90	90	Eng. (Sec. 2)		102
	B.S.	French	130	130	Eng. (Sec. 2)	90	90	German	111	111	Eng. (Sec. 2)	90	90	Eng. (Sec. 2)		102
	A.B.	Latin(Sec.2)	71	72	Latin(Sec.2)	71	72	His. (Sec. 2)	170	170	Latin(Sec.1)	71	72	Latin(Sec.1)	71	72
1.00	Ph.B.							His. (Sec. 2)	170	170	Latin(Sec.1)	71	72	Latin(Sec.1)	71	72
	B.S.	Alg. (Sec.1)	200	200	Chemistry	233	233	His. (Sec. 2)	170	170	Chemistry	233	233	Latin(Sec.1)	71	72
	A.B.	Greek	50	51	German	110	110	Religion	1	1	Beg. Greek			Religion	1	1
2.00	Ph.B.	German	111	111				Religion	1	1				Religion	1	1
	B.S.	German	111	111	Chemistry	233	233	Religion	1	1	Chemistry	233	233	Religion	1	1
	A.B.	Latin(Sec.1)	73	73	Beg. Greek						German	110	110	Latin(Sec. 2)	71	72
3.00	Ph.B.							German	110	110						
	B.S.	Geom.(Sec.2)	201	202	Chemistry	233	233	German	110	110	Chemistry	233	233			

Beginner's Greek, Wed. 4
Sections in Latin, Mathematics and History divided alphabetically.

SOPHOMORE SCHEDULE

Time	Course	Monday	Term 1	Term 2	Tuesday	Term 1	Term 2	Wednesday	Term 1	Term 2	Thursday	Term 1	Term 2	Friday	Term 1	Term 2
	A.B.				Greek	53	54				Greek	53	54	Greek*	52	52
8.40	Ph.B.				German	113	113	Trig. (Sec.2)	203 204	205 206	French	132	132	Eng. (Sec. 2)	94	94
	B.S.				German	113	113	Trig. (Sec.2)	"	"	French	132	132	Eng. (Sec.2)	94	94
9.40		Chapel			Chapel			Chapel	2	2	Chapel			Chapel		
	A.B.	History	171	171	Greek*	50	51	Religion	2	2	History	171	171	Greek	53	54
10.00	Ph.B.	History	171	171	Eng. (Sec.2)	103	91	Religion	2	2	History	171	171			
	B.S.				Eng. (Sec.2)	103	91	Religion	2	2						
	A.B.							Latin	74	76	Religion	2	2	Latin	77	75
11.00	Ph.B.				German	112	112	Latin	74	76	Religion	2	2	Latin	77	75
	B.S.				German	112	112	Chemistry	234	235	Religion	2	2	Chemistry	234	235
	A.B.	French	133	133	Eng. (Sec. 1)	94	94	Chemistry	230	231	Ger. (Sec. 1)	112	112			
1.00	Ph.B.	German	112	112				Chemistry	230	231				Math.(Sec.2)	203 204	205 206
	B.S.	German	112	112	Chemistry	234	235	Biology	250	251	Chemistry	234	235			
	A.B.	Trig. (Sec.1)	203 204	205 206	Trig. (Sec.1)	203 204	205 206	Chemistry	230	231	Eng. (Sec. 1)	94	94	Latin	77	75
2.00	Ph.B.	French	132	132				Chemistry	230	231				Latin	77	75
	B.S.	French	132	132	Chemistry	234	235	Biology	250	251	Chemistry	234	235			
	A.B.	Ger. (Sec. 1)	112	112	Latin	74	76	Chemistry	230	231	Greek* French	50 133	51 133	Eng. (Sec. 1)	103	91
3.00	Ph.B.	Eng. (Sec.2)	94	94	Latin	74	76	Chemistry	230	231						
	B.S.	Eng. (Sec.2)	94	94	Chemistry	234	235	Biology	250	251	Chemistry	234	235			

Either German 112 or French 133 must be taken by B.S. Students Either German 112 or French 132 must be taken by A.B. Students.
* Second year Greek for those who began Greek in College.

JUNIOR SCHEDULE

Time	Course	Monday	Term 1	Term 2	Tuesday	Term 1	Term 2	Wednesday	Term 1	Term 2	Thursday	Term 1	Term 2	Friday	Term 1	Term 2
	A.B.	Spanish	150	150				Spanish	150	150						
8.00	Ph.B.	Spanish	150	150				Spanish	150	150						
	B.S.	Spanish	150	150				Spanish	150	150				German	115	115
	A.B.	Sociology	192	192	**English**	**95**	**95**	**Physics**	**220**	**220**	**Religion**	**3**	**4**	**Religion**	**3**	**4**
8.40	Ph.B.	Sociology	192	192	**English**	**95**	**95**	**Physics**	**220**	**220**	**Religion**	**3**	**4**	**Religion**	**3**	**4**
	B.S.	German	115	115							**Religion**	**3**	**4**	**Religion**	**3**	**4**
9.40		Chapel			Chapel			Chapel			Chapel			Chapel		
	A.B.	Pedagogy	30	31	Economics Latin	190 78	190 79	Pedagogy	30	31	**Psychology** **Logic**	**20**	**21**	**Psychology** **Logic**	**20**	**21**
10.00	Ph.B	or			**Economics**	**190**	**190**	Pedagogy	30	31	"	**20**	**21**	"	**20**	**21**
	B.S.	French	134	134	Analy. Geo. Economics	208 190	208 190	Pedagogy	30	31	"	**20**	**21**	"	**20**	**21**
	A.B.	**Physics**	**220**	**220**	**History**	**174**	**174**				Economics	190	190	French	134	134
11.00	Ph.B	**Physics**	**220**	**220**	**History**	**174**	**174**				**Economics**	**190**	**190**	French	134	134
	B.S.				**Physics**	**221**	**221**				**Physics**	**221**	**221**			
	A.B.	English	96	96	Oratory	104	104	German or English	114	114	English	96	96	**English**	**95**	**95**
1.00	Ph.B.	English	96	96					106	106	English	96	96	**English**	**95**	**95**
	B.S.	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**			
	A.B.	Music	40	40	Pedagogy	30	31				Greek or	55	55			
2.00	Ph.B.	Music	40	40	Pedagogy	30	31				German	114	114			
	B.S.	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**			
	A.B.	Greek	55	55	**History**	**172**	**173**	Greek	55	55	Latin or History	78	79			
3.00	Ph.B.				**History**	**172**	**173**					**175**	**174**			
	B.S.	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**	**Biology**	**252 253**	**254**	**Physics**	**222**	**222**			

History 174 must be taken either junior or senior year

Time	Course	Monday	Term 1	Term 2	Tuesday	Term 1	Term 2	Wednesday	Term 1	Term 2	Thursday	Term 1	Term 2	Friday	Term 1	Term 2
	A.B.				Spanish	151	151				Spanish	151	151			
8.00	Ph.B.				Spanish	151	151				Spanish	151	151			
	B.S.				Spanish	151	151				Spanish	151	151			
	A.B.	Sociology	192	192	Pedagogy	32	33	**Religion Ethics**	**5**	**24**	Geology	270	270	French	136	136
8.40	Ph.B.	Sociology	192	192	Pedagogy	32	33	"	**5**	**24**	Geology	270	270	French	136	136
	B.S.	Sociology	192	192	Pedagogy	32	33	"	**5**	**24**	Geology	270	270			
9.40		Chapel			Chapel			Chapel			Chapel			Chapel		
	A.B.	History of Philosophy	22	22	German	116	116				**Religion Ethics**	**5**	**24**			
10.00	Ph.B.	"	22	22							"	**5**	**24**			
	B.S.				**Chemistry**	**236**	**236**				"	**5**	**24**			
	A.B.	Sociology	191	191		**175**	**175**		23	23					258	258
11.00	Ph.B.	**Sociology**	**191**	**191**	**History**	**175**	**175**	Aesthetics						Gen. Biol.		
	B.S.	Sociology	191	191				German	117	117				**German**	**117**	**117**
	A.B.	Music	40	40	History of	22	22	English	106	106	**English**	**96**	**96**	English	99	100
1.00	Ph.B.	Music	40	40	Philosophy	22	22	English	106	106	**English**	**96**	**96**	English	99	100
	B.S.	**Chemistry**	**236**	**236**	**Biology**	**255 256**	**257**	**Chemistry**	**236**	**236**	French	136	136	**Biology**	**255 256**	**257**
	A.B.	**English**	**96**	**96**	Sociology	191	191	Philosophy	22	22	Pedagogy	32	33			
2.00	Ph.B.	**English**	**96**	**96**	**Sociology**	**191**	**191**	or History	174	174	or Greek	55	55			
	B.S.	**Chemistry**	**236**	**236**	**Biology**	**255 256**	**257**	**Chemistry**	**236**	**236**	or Calc.	209	209	**Biology**	**255 256**	**257**
	A.B.	Greek	55	55	English	99	100	Eng. Poets Greek	97 55	98 55	**History**	**175**	**175**	Eng. Poets	97	98
3.00	Ph.B.				English	99	100	Eng. Poets.	97	98	**History**	**175**	**175**	or German	116	116
	B.S.	**Chemistry**	**236**	**236**	**Biology**	**255 256**	**257**	**Chemistry**	**236**	**236**				**Biology**	**255 256**	**257**

History 175 required if not taken Junior year.

DEPARTMENTS OF INSTRUCTION.

RELIGION.

THE PRESIDENT

Because it believes an intellectual without a spiritual training to be a grave error, Muhlenberg College strives, thruout its entire course, to secure not only a proper study of religion, but also a consistent practice of it. Convinced also that a vague, general religious knowledge is ineffectual, it imparts and inculcates its instructions loyally and specifically. While the position of Muhlenberg College is conservatively Lutheran, and true to the Church which has founded and endowed it, yet it is by no means narrow or exclusive. The work of each day is begun with worship in the Chapel, attendance at which is expected. Attendance upon the service of some specified church on the Lord's Day is also required, while connection with Sunday-school, as scholar or teacher, is recommended.

In addition, there exists a students' association, with voluntary Bible and Mission Classes, weekly devotional meetings, and monthly public gatherings at which some phase of Christian work is presented by an invited speaker.

REQUIRED OF ALL FRESHMEN

1. Character Studies in the Bible. W. 2, F. 2 (2)

Beginning with a careful study of the life of Christ and New Testament characters, this course continues in the second term with an outline study of the Old Testament. The historical facts are correlated with the biographic studies.

REQUIRED OF ALL SOPHOMORES

2. English Bible. W. 10, Th. 11 (2)

A full survey of the history of the English Bible, the form of literature, the historical setting of the books is combined with study of selections from a linguistic, literary and religious point of view.

REQUIRED OF ALL JUNIORS

3. Christianity and Other Religions. First Semester. Th. 8.40, Fri. 8.40 (1)

A comparison of the leading non-Christian religions with the ideas and teachings of the New Testament.

4. The New Testament and Social Problems. Second Semester. Th. 8.40, Fri. 8.40 (1)

A study of modern social questions from the standpoint of the principles and teachings of the New Testament.

REQUIRED OF ALL SENIORS

5. Trends of Thought and Christian Truth. First Semester. W. 8.40, Th. 10 (1)

This course consists of a comparison of modern logical positions in science and philosophy with the truth of Christianity. Textbook: Haas, "Trends of Thought and Christian Truth."

6. The Elements of Religion.

REQUIRED OF ALL LUTHERANS; ELECTIVE FOR OTHERS

The Elements of Religion will be discussed every year in a series of lectures either on "The Augsburg Confession," or on Luther's Smaller Catechism or on some other confessional writing of our Lutheran Church. The name of the lecturers will be announced in due time.

PHILOSOPHY.

THE PRESIDENT, ASSISTANT PROF. BROWN AND MR. KLINE

The purpose of the courses in Philosophy is to develop the power of clear reasoning and accurate statement, to show the value of philosophical system, familiarize with philosophical terms and indicate the movement of philosophical thought.

The study of Psychology is to prepare for a general understanding of the relation of mind and body. The course in Logic is to show the underlying principles of thought and science. History of Philosophy presents the great philosophical problems in their historic connections. Aesthetics is to give an insight into the ideals and principles of the beautiful. Ethics is the necessary supplement to general philosophical study, but also has important practical bear-

ings. All these courses look only to general principles, but prepare for detailed post-graduate university work.

REQUIRED OF ALL JUNIORS

20. Psychology. First Semester, W. 10, F. 10 (1)

MR. KLINE

The problems of the distinction of psychology and physiology, sensations, perceptions, feeling, thought, volition, the self, etc., are studied in outline, preparing for larger, fuller work. Pillsbury, Essentials of Psychology. (Lectures and parallel references to James, Judd, Angell, Seashore.)

21. Logic. Second Semester, W. 10, F. 10 (1)

MR. KLINE

This course embraces the principles of deductive and inductive logic. It discusses the concept, judgment, division, classification, syllogisms, fallacies; agreement, difference, causation, hypothesis, analogy, probability, etc. Creighton's Logic and parallel references particularly to the new logic.

ELECTIVE FOR SENIORS

22. History of Philosophy. M. 10, T. 1, W. 2 (3)

MR. KLINE

An intensive course in ancient and modern philosophy on the basis of Cushman, History of Philosophy, Vols. I and II. Lectures, readings and discussions of philosophical problems. Senior elective, three hours, thruout the year.

23. Aesthetics. Hours to be arranged (1)

ASSISTANT PROF. BROWN

Lectures and reports on the development, the principles, and the relations of the fine arts. A survey of the art of all countries and periods from the Egyptian era to the Twentieth Century, with special attention to the architecture and sculpture of Greece, and the architecture of the Christian Church culminating in the Medieval Cathedral. Readings in Lessing, Ruskin, and Tolstoi.

Senior elective, one hour, thruout the year.

REQUIRED OF ALL SENIORS

24. Ethics. Second Semester, W. 8.40, Th. 10 (1)

DR. HAAS

This course includes lectures and discussions on the foundation of ethics and its relation to religion, Hedonism, Rationalism and Personalism; free will, the conscience, virtue, duty, pessimism; and a practical outline of personal and social ethical relations and duties.

PEDAGOGY.

DEAN ETTINGER.

This department offers a two years' course embracing the History of Education, Educational Psychology, Methodology, and a study of Educational Classics. The History of Education traces the development of pedagogic thought and theory from the earliest times to the present. This is followed by a study of Psychology with special reference to its relation to education. Under Methodology the educational value of the various subjects usually taught, the proper methods of teaching the same, and the most important questions of school management are discussed. The study of Educational Classics affords scope for criticism and exacts original work by the class. The course in this department is conducted by means of recitations from text-books, lectures, and original papers by the class.

ELECTIVE FOR JUNIORS

30. History of Education. First Semester, M. 10, W. 10 (1)
(Seeley.)

31 Educational Classics. Second Semester, M. 10, W. 10 (1)
(Painter's Educational Classics.)

ELECTIVE FOR SENIORS

32. Educational Psychology. First Semester, T. 8.40, Th. 2 (1)
(Dexter and Garlick's Psychology in the School-room.)

33. Methodology. Second Semester, T. 8.40, Th. 2 (1)
(Compayre's Lectures on Pedagogy.)

MUSIC.

MR. MARKS

This department does not aim to give formal instruction on any specific instrument, much less to turn out so-called "finished musicians." The object of the courses offered is to afford the student a comprehensive knowledge of the theory and history of music so that he can the better appre-

ciate their true place and value as an element of culture in the development of the individual.

ELECTIVE FOR JUNIORS

40. The Theory of Music. M. 2 (1)

The Elements of Music, Harmony, Form.

ELECTIVE FOR SENIORS

41. The History of Music. M. 1 (1)

Antiquity, Music of the Early Christian Age, Polyphonic Music, The Lutheran Reformation, Schools of Music, Contemporary Composers, Biography.

THE ANCIENT LANGUAGES.

DEAN ETTINGER AND PROFESSOR HORN.

GREEK

PROFESSOR HORN.

The aim of the four years' work is to give the student so firm a grasp of grammar and so large a vocabulary that he will be able with comparative ease to read any ordinary (Attic) Greek text, and at the same time to make him familiar with the best writers of Greece, and to give him an intelligent acquaintance with Greek history, geography, institutions, and culture. The work will be such that a student will be fitted for graduate work at the larger institutions of learning. Throughout the course, stress is laid upon the geography and history of Greece; lectures, some of which will be illustrated by the stereopticon, will be given on these and similar subjects. The department has been recently furnished with the best ancient maps, by Henry Kiepert, and every aid will be afforded the student for geographical work. In the college library there will be reserved many books, to which students will be frequently referred, and which will be in constant use.

The Department is supplied with a number of photographs and lantern slides illustrating Greek art and archi-

tecture, history and private life; these will be used for the purpose of instruction.

Each member of every class should own the following books: Goodwin, Greek Grammar, revised edit.; Goodwin, Moods and Tenses of the Greek Verb, new edit.; Kiepert's Atlas Antiquus, or Putzger's Historical School Atlas, or Grundy's Small Classical Atlas (Oxford University Press), or Ginn and Co.'s Classical Atlas; Smith's Smaller Classical Dictionary; Liddell and Scott's Greek Lexicon, unabridged, preferably one of the latest editions. Note books will be needed.

Beginners' Greek. T. 3, W. 4, Th. 2

This course is intended for mature students who enter college without Greek and are eager to make up their loss. The progress is rapid, for the student must master the elements of the language and read a considerable amount of Xenophon's Anabasis, in connection with which there will be work in Prose Composition. The course will be introductory to 50 and 51. Candidates for the degree of A. B. who begin Greek in college are required to take Greek throughout their college course. Beginners' Greek Book, Benner and Smyth; Xenophon's Anabasis, Mather and Hewitt, Pearson's Greek Prose Composition.

REQUIRED OF A.B. FRESHMEN

50. Herodotus and Lysias. First Term, M. 2, T. 10, Th. 10 (1½)

51. Iliad. Second Term, M. 2, T. 10, Th. 10 (1½)

52. Greek Prose Composition. Fr. 8.40

Tales from Herodotus, Farnell; Morgan's Eight Orations of Lysias; Benner's Selections from the Iliad; Mierow's Greek Syntax.

REQUIRED OF A.B. SOPHOMORES

53. Plato's Apology and Crito and Selections from Phaedo. First Term, T. 8.40; Th. 8.40; F. 10 (1½)

54. Greek Tragedy. Second Term, T. 8.40, Th. 8.40, F. 10 (1½)

Plato's Apology and Crito, Dyer, revised by Seymour; Euripides, Alcestis, Jerram; Sophocles' Antigone, D'Ooge; Jebb's History of Greek Literature.

ELECTIVES FOR JUNIORS AND SENIORS

56. Greek Drama. M. 3, W. 3 (2)

One play each of Aeschylus, Sophocles, Euripides, and Aristophanes. A study of the development of Greek Tragedy and Comedy.

ELECTIVES FOR JUNIORS AND SENIORS OMITTED IN 1917-1918

55. Greek Literature. M. 3, W. 3 (2)

The authors read will be announced later. In addition to the study of representative selections from great authors, there will be lectures and reports. Some New Testament Greek will be included in the course.

57. Greek History. (2)

Two hours a week. The course will consist of required reading, lectures, and reports. Some of the reading will be in the original Greek.

59. Second Year Greek. (3)

This course is to be taken by candidates for the A. B. degree in their Sophomore year, who have taken Beginners' Greek in their Freshman year. The work will consist of the reading of Xenophon's Anabasis and parts of Herodotus, with Prose Composition.

LATIN

DEAN ETTINGER.

The courses offered in this department are intended to afford the student such a knowledge of the language, the thought, the life and the antiquities of the Roman people and the "Eternal City" as an intelligent cultured American of to-day may be justly expected to possess. Without aiming to train Latin philologians or Roman archæologists, which is altogether the business of the university, Muhlenberg College offers such courses based on the study of the masterpieces of Roman Literature as will afford an accurate and comprehensive survey of the character, the history and the achievements of this wonderful people, the important part they played in the development of the human race and their contributions to the Modern Languages, literatures, jurisprudence and government in general. The work in this

subject furthermore aims to lay the broad and deep foundations so necessary for successful post-graduate study.

That the student may receive the fullest benefit from the courses in this department, it is absolutely essential that he bring with him, when entering college, such a knowledge of the fundamentals of Latin Grammar and elementary Latin prose composition, together with a fair and ready command of the vocabulary of the Roman speech as will enable him to take an active and intelligent part in the work of the classroom. In this connection we cannot too strongly emphasize the importance of honest and sufficient work in the preparatory school.

[Allen and Greenough's Latin Grammar is used as the general authority and all students are urged to provide themselves with Harper's Larger Latin Dictionary, as the smaller dictionaries will not suffice for the work in the higher classes. The Roman system of pronunciation is used.]

70. Beginners' Latin. Hours to be arranged.

Especially offered for the benefit of students of more advanced years who have the ability and the determination to fit themselves for more extended work in Latin. Text books selected to suit conditions. First term, four hours a week. Freshman year.

REQUIRED OF A.B. AND PH.B. FRESHMEN

71. Cicero. Section I. First Semester, M. 8.40, Th. 1, F. 1
Section II. First Semester, M. 1, T. 1, F. 3 (1½)

De Amicitia, and De Senectute. With special attention to the vocabulary, forms and construction. First term, three hours. (Bennett's De Amicitia and De Senectute.)

72. Livy. Section I. Second Semester, M. 8.40, Th. 1, F. 1
Section II. Second Semester, M. 1, T. 1, F. 3 (1½)

Selections from Books I, XXI and XXII. The history of the Punic Wars. With special attention to the idioms and the derivation of words. Second term, three hours. (Westcott's Livy.)

73. Latin Grammar and Prose Composition. First Section, M. 3
Second Section, F. 10 (1)

A careful review of the grammar combined with original work in composition on the part of the student. Thruout the year,

one hour. (Allen and Greenough's Latin Grammar. Arnold's Latin Prose, revised by Bradley.)

REQUIRED OF A.B. AND PH.B. SOPHOMORES

74. Horace. First Semester, T. 3, W. 11 (1)
Odes and Epodes. Selections with special study of the biographical, historical and mythological allusions and frequent practice in scanning the meters of Horace. (Bennett and Rolfe's Complete Horace.)

75. History of Rome. Second Semester, F. 2 (½)
A careful survey of Roman History with special emphasis on the leading events. (Botsford's Rome.)

76. Horace. Second Semester, T. 3, W. 11 (1)
Satires and Epistles, especially the Ars Poetica. Selections with special reference to the beauty of thought, the felicity of expression and the philosophical value of the works of Horace. (Bennett and Rolfe's Horace.)

77. Roman Literature with Dissertations. First Semester, F. 2 (½)
The study of a good text-book supplemented with original dissertations on the leading Latin authors read before the class. (Mackail's Latin Literature.)

ELECTIVE FOR JUNIORS

78. Cicero. First Semester, T. 10, Th. 3 (1)
De Oratore. Selections with a survey of Roman oratory and special reference to the rhetorical value of the work. (Owen's De Oratore.)

79. Plautus and Terence. Second Semester, T. 10, Th. 3 (1)
The Captives and the Andria, with an introductory study of Roman Comedy. (Elmer's Captivi and Fairclough's Andria.)

ELECTIVE FOR SENIORS

80. Tacitus. First Semester. Hours to be arranged (1)
The Germania and the Agricola. With a special study of the purpose of these works and the conditions of the period of Roman History. (Church and Brodribb's Agricola and Germania.)

81. Lucretius. Second Semester. Hours to be arranged (1)

Selections from De Rerum Natura with a survey of Roman Philosophy. (Lee's Lucretius, Books I-III.)

ELECTIVES FOR JUNIORS AND SENIORS

82. Roman Antiquities.

Assigned topics will be treated in original dissertations to be read before the class, thruout the year in connection with the Senior courses in Latin.

83. Latin Literature in English.

For this course no knowledge of Latin is necessary. It will treat the subject as literature to be studied in standard and idiomatic English translations.

84. Roman Law.

An elementary survey of the subject with special reference to its relations to modern law. (Hadley's Lectures and Robinson's Roman Law.)

85. Early Latin.

Latin Inscriptions. (Lindsay's Latin Inscriptions.)

86. Roman Archaeology.

ENGLISH

ASSISTANT PROFESSORS SIMPSON AND BROWN

The courses in English are planned to give in the first two years a thoro drill in composition, oral and written; some acquaintance with the fundamental ideas of literary criticism as applied to the principal types of verse and prose; and a general knowledge of the historical outlines of English literature.

In choosing their electives in the Junior and Senior years students are advised to supplement the required courses (the drama and the novel) by taking one or more courses in English poetry. Students who entered with poor prepara-

tion in composition and have not made up the deficiency to their own satisfaction are advised to take that subject as an elective.

ENGLISH COMPOSITION

90. Freshman Composition. Second Section, T. 11, Th. 11 (2)
First Section, W. 11, F. 11 (2)

ASSISTANT PROF. SIMPSON

The theory and practice of exposition, first term, and narration and description, second term. The reading and analysis of selected classics as illustrations of the principles of rhetoric. Many short themes and longer ones at intervals.

91. Sophomore Composition. Second Semester, First Section, F. 3, Second Section, T. 10 (½)

ASSISTANT PROF. SIMPSON

The writing of from fifteen to twenty long themes. Criticism in the class and in conferences. Students in this course are expected to learn the use of the indexes and bibliographies in the college library and to gather material there.

92. Advanced Composition. First Semester, two hours, hours to be arranged (1)

ASSISTANT PROF. SIMPSON

An elective course for Juniors and Seniors arranged to suit the needs and desires of those who apply.

101. Journalism. Second Semester, two hours, hours to be arranged (1)

ASSISTANT PROF. SIMPSON

A course in the writing of news, including brief items, news-stories, interviews, and editorials. Elective for Seniors and Juniors.

ENGLISH LITERATURE

REQUIRED OF ALL FRESHMEN

93. American Poetry. First Section, First Semester, M. 11 (½)
Second Section, First Semester, M. 10 (½)

ASSISTANT PROF. SIMPSON

Readings in Bryant, Poe, Emerson, Longfellow, Whittier, Holmes, Lowell, Whitman, and Lanier. Especial attention to the technique of verse and the types of poetry.

REQUIRED OF ALL SOPHOMORES

94. History of English Literature. First Section, T. 1, Th. 2, Second Section, M. 3, F. 8.40 (2)

ASSISTANT PROF. SIMPSON

Lectures, study of a text-book such as Crawshaw's, or Pancoast's English Literature, and readings in poetry and prose.

REQUIRED OF A.B. AND PH.B. JUNIORS

95. The Rise and Development of the English Drama. T. 8.40; F. 1 (2)

ASSISTANT PROF. BROWN

A study of the evolution of the English drama from the Miracle plays to the dramas of Pinero, Jones, and Shaw, illustrated by the reading of representative plays of each period including all the plays of Shakespeare.

REQUIRED OF A.B. AND PH.B. SENIORS, ELECTIVE FOR JUNIORS

96. The Rise and Development of the English Novel. M. 2, Th. 1 (2)

ASSISTANT PROF. SIMPSON

The reading of typical prose fiction of each century and period from Malory to Thomas Hardy.

ELECTIVE FOR SENIORS

97, 98. The Romantic Poets and the Victorian Poets. W. 3, F. 3 (2)

ASSISTANT PROF. BROWN

The Romantic Poets. *First Semester.* The Victorian Poets *Second Semester.* Lectures on the growth of the Romantic Movement in England, France and Germany. Extensive readings in the poetry of Burns, Coleridge, Wordsworth, Byron, Shelley, Keats, Tennyson, Browning, Arnold, Rossetti, Morris, Swinburne and the chief British poets of to-day. A study of representative criticisms of the poets read.

99. Modern Essayists. First Semester, T. 3, F. 1 (1)

ASSISTANT PROF. SIMPSON

Macaulay, Lamb, Ruskin, and others are studied with attention to subject-matter, structure, and style.

100. Spenser. Second Semester, T. 3, F. 1 (1)

ASSISTANT PROF. SIMPSON

The Faerie Queene and the lyrical poems of Spenser. This course is intended to exemplify the thoro study of an author and his time.

PUBLIC SPEAKING

REQUIRED OF ALL FRESHMEN

102. Elementary Course. Second Semester, I Section, T. 11
II Section, F. 11 (½)

ASSISTANT PROF. BROWN

Training in public reading. Attention is paid to individual defects.

REQUIRED OF ALL SOPHOMORES

103. Advanced Course. First Semester, I Section, F. 3,
II Section, T. 10 (½)

ASSISTANT PROF. BROWN

Exercises in the delivery of orations. Especial attention to voice and manner.

JUNIOR AND SENIOR ELECTIVE

104. Oratory. T. 1 (1)

ASSISTANT PROF. BROWN

A practical course in public speaking. The aim of this course is to enable the student to speak fluently and effectively before an audience.

ELECTIVE FOR SENIORS

105. Advanced Oratory. Hour to be arranged (1)

ASSISTANT PROF. BROWN

The preparation and delivery of orations and addresses for special occasions. Extemporaneous speaking. An analytical study of the world's best orations.

GENERAL LITERATURE

ELECTIVE FOR JUNIORS AND SENIORS

106. World Literature. W. 1 (1)

ASSISTANT PROF. BROWN

The reading of the world's great books in the best translations. Homer's Iliad and Odyssey, Dante's Divine Comedy, Milton's Para-

dise Lost, Cervantes' Don Quixote, and Goethe's Faust will be read and discussed. Lectures on European Epics and European Literature to the close of the Renaissance. Studies in Comparative Literature.

107. Contemporary Literature. Hours to be arranged (2)

A survey of contemporary European, and American Literature. Reading and discussion of selected works of Dostoievski, Turgenev, Tolstoi, Tchekhov, Sienkiewicz, Zola, Loti, France, Rostand, Maeterlinck, Hervieu, Brieux, Fogazzaro, Lagerlöf, Björnson, Ibsen Strindberg, Hauptmann, Sudermann, Frenssen, D'Annunzio, Echegaray, and leading British and American authors of the present day.

THE MODERN LANGUAGES.

PROFESSOR WACKERNAGEL, ASSISTANT PROFESSORS FRITSCH AND BROWN

The study of the Modern Languages is a regular part of the College Course. This department receives a full proportionate share of time and attention, and stands upon the same basis in this respect as Greek, Latin, or English; German, French, Spanish and Italian are taught both as living languages to be acquired as a medium of communication and as treasure-houses of scientific, theological and literary material, the key to whose wealth must be owned and readily used by the post-graduate student. Our experience enables us to assert that any student of respectable intellect and industry can acquire the ready use of these languages for conversation, business, or discourse, by embracing the advantages offered him in this department.

In addition to this practical study, a considerable portion of time is given to the direct study of Literature, and of selected works of the greatest authors.

GERMAN DEPARTMENT

PROF. WACKERNAGEL AND ASSISTANT PROF. FRITSCH

REQUIRED OF ALL FRESHMEN

110. First Section, T. 2, Th. 3 (2)
Second Section, T. 10, W. 3

ASSISTANT PROF. FRITSCH

Joynes and Wesselhoeft's German Lesson Grammar, Part 3. Thiergen's Am Deutschen Herde. Heyse's Hochzeit auf Capri. German Bible. Exercises in German script and memorizing of German poems.

REQUIRED OF B.S. AND PH.B. FRESHMEN IN ADDITION TO COURSE 110

111. M. 2, W. 11 (2)

ASSISTANT PROF. FRITSCH

Gore's German Science Reader.

REQUIRED OF ALL SOPHOMORES

112. First Section, M. 3, Th. 1 (2)
Second Section, M. 1, T. 11

ASSISTANT PROF. FRITSCH

Schiller's Wilhelm Tell or Jungfrau von Orleans. Schiller's Ballads or Goethe's Hermann und Dorothea.

REQUIRED OF B.S. AND PH.B. SOPHOMORES IN ADDITION TO COURSE 112

113. T. 8.40 (1)

ASSISTANT PROF. FRITSCH

Lassar-Cohn's Die Chemie im Taeglichen Leben.

JUNIOR ELECTIVES

114. W. 1, Th. 2 (2)

ASSISTANT PROF. FRITSCH

Lessing's Minna von Barnhelm. Goethe's Iphigneie auf Tauris. Freytag's Die Journalisten. German composition.

115. M. 8.40; F. 8 (2)

PROF. WACKERNAGEL

Wait's German Science Reader. Dippold's Scientific German Reader.

SENIOR ELECTIVES

116. T. 10, F. 3 (2)

PROF. WACKERNAGEL

Priest-Klee, History of German Literature. Fossler's German Idioms and Conversation. Freytag's Doktor Luther. Max Mueller's Deutsche Liebe. Essays.

117. W. 11, F. 11 (2)

PROF. WACKERNAGEL

Bock-Camerer, Bau, Leben und Pflege des menschlichen Koerpers, Koelsch, Biologische Spaziergänge. Dubois-Reymond's Vorträge. Senior Scientific elective. Two hours a week.

ROMANCE LANGUAGES.

FRENCH

PROF. WACKERNAGEL

REQUIRED OF B.S. AND PH.B. FRESHMEN

130. M. 11, W. 8.40 (2)

Aldrich and Foster's Grammar. Mariotte-Davis' Elementary Scientific Reader.

ELECTIVE FOR A.B. FRESHMEN* AND A.B. JUNIORS

131. Hours to be arranged (2)

Aldrich and Foster's Grammar, and Reader.

REQUIRED OF B.S. AND PH.B. SOPHOMORES

132. M. 2, Th. 8.40 (2)

Bacon, Une Semaine à Paris. Bowen's Scientific Reader

ELECTIVE FOR A.B. SOPHOMORES* AND A.B. JUNIORS

133. M. 1, Th. 3 (2)

Bacon, Une Semaine à Paris. Laboulaye's Contes Bleus. Feuillet's Roman d'un Jeune Homme Pauvre and other works.

ELECTIVE FOR A.B. AND PH.B. JUNIORS

134. Hours to be arranged

Newson's French Daily Life. Racine's Athalie and Esther. Maupassant's Contes Choisis. Sand's La Mare au Diable. Prerequisite, courses 131, 133.

ELECTIVE FOR B.S. JUNIORS

135. Hours to be arranged (2)

Newson's French Daily Life. Dike's Science French Prose. Scientific Junior elective. Two hours a week.

ELECTIVE FOR A.B. AND PH.B. SENIORS

136. Th. 1, F. 8.40 (2)

Dowden's History of French Literature. Halvy, L'Abbé Constantin. Moliere, L' Avare. Chateaubriand's Atala. Prerequisite course 134.

ELECTIVE FOR B.S. SENIORS

137. Hours to be arranged (2)

Foncin, Le Pays de France. Faideau and Robin, L'Homme.

*This course may be taken as an extra by candidates for A.B.

SPANISH

PROF. WACKERNAGEL

ELECTIVE FOR ALL JUNIORS

150. M. 8, W. 8 (2)

Hills & Ford, Grammar. Giese & Cool, Spanish Anecdotes. The Spanish New Testament.

ELECTIVE FOR ALL SENIORS

151. T. 8, Th. 8 (2)

Fitzmaurice-Kelley's History of Spanish Literature. Bonilla's Daily Spanish Life. Taboada's Cuentos Alegros. Moratin, El Si de las Ninas.

ITALIAN

ASSISTANT PROF. BROWN

ELECTIVE FOR ALL JUNIORS OR SENIORS

160. Hours to be arranged (1)

Grandgent's Italian Grammar. Bowen's Italian Reader. Selections from Dante's Inferno.

HISTORY.

ASSISTANT PROFESSOR JAMES H. S. BOSSARD AND MR. KLINE

The aim of the Department of History is three-fold:

(1) To give the student a comprehensive and progressive survey of the historical development of Western Europe.

(2) To familiarize the student with our American History from the early days of colonization down to the present time, with special attention to the economic and social life of the people.

(3) To keep in mind the continuity and evolution of history so as to give the student that sense of historical perspective without which he cannot fathom the significance of modern movements.

All of the courses are lecture courses, supplemented by collateral readings and reports.

REQUIRED OF ALL FRESHMEN

170. Europe Since 1815 First Section, W. 10, Th. 8.40
Second Section, T. 8.40, W. 1 (2)

An account of some of the important political events in European history since 1815, such as the Congress of Vienna and the movement of reaction; the revolutionary movements of 1830 and

1848; the union of Italy; the reconstruction of Germany and founding of the German Empire; the British Empire in 19th century; the rise of the Balkan States; the expansion of Europe in Asia and Africa; partition of Africa. Special emphasis is laid upon social conditions and industrial changes.

REQUIRED OF A.B. AND PH.B. SOPHOMORES

171. The Rise and Development of the Medieval Church. M. 10, Th. 10 (2)

Early organization of the Church; the Persecutions; Christianity as the state religion; Development of the papal power; Monasticism and conversion of northern Europe; nature of the Medieval Church—its powers, jurisdiction and influence; heresies and the friars; the Popes at Avignon; the Great Schism.

REQUIRED OF A.B. AND PH.B. JUNIORS; ELECTIVE FOR OTHERS

172. Mediaeval Life and Institutions. First Semester, T. 3 (½)

A discussion of some of the more important institutions of the Middle Ages, such as the judicial system of the Germans, the revival of the Roman Law, feudalism, rural and town life, the communes, education and the Universities, and the Renaissance movement.

173. Studies in the Reformation Period and the French Revolution. Second Semester, T. 3 (½)

A study of the intellectual, social, economic and political movements which caused the Reformation; significance and results of the movement. The causes and courses of the French Revolution, its effect upon France and other countries of Europe, Napoleon and the Napoleonic wars.

REQUIRED OF A.B. AND PH.B. SENIORS

174. The Historical Development of the American Colonies Down to 1789. T. 11, Th. 3 (2).

European background and underlying motives of early voyages of discovery and exploration; the chartered companies; social, economic and religious background for English colonization; the colonial life in its various aspects; the larger phases of the colonial wars; side lights upon the Revolutionary period; economic adjustment after the war. Given in 1916-1917.

175. American History Since 1789. (2)

Expansion of the United States; acquisition and use of public domain; movements of population; slavery, its abolition and the problems of Reconstruction; industrial, financial and commercial growth of the country; the life of the people.

One of these two courses must be taken by all A.B. and Ph.B. students in Junior or Senior year. Both may be taken.

THE DEPARTMENT OF SOCIOLOGY AND ECONOMICS.

ASSISTANT PROFESSOR JAMES H. S. BOSSARD

The aim of this department is three-fold:

(1) To give the student, as a general foundation, a survey of the principles which govern our economic and social life.

(2) To give, as far as possible, an insight into the practical problems which confront the American people; an insight which no man in our time can afford to be without, especially if he lays any claim to education and culture, and an insight which will foster study, deliberation and observation in later and maturer years.

(3) To give the foundation and elementary drill for post-graduate work.

REQUIRED OF PH.B. JUNIORS, ELECTIVE FOR JUNIORS AND SENIORS

190. Economics. T. 10, Th. 11 (2)

A study of economic theories and principles. Discussion of practical problems, such as the Conservation of Natural Resources; the Public Health Movement; the Risks of Labor; Child Labor; Women in Industry; Unemployment; Business organization; Trusts; the Tariff; the Currency Problem; the Labor Problem; Socialism; etc.

REQUIRED OF PH.B. SENIORS; ELECTIVE FOR JUNIORS AND SENIORS

191. Sociology. M. 11, T. 2 (2)

This course is designed to cover briefly the most fundamental points in sociological theory. Study of cause and effect in society. The factors of physical environment, heredity, psychological influ-

ences are considered. Problem of social debtor classes. Purposive organizations for social betterment are reviewed and practical problems considered.

ELECTIVE FOR JUNIORS AND SENIORS

192. American Racial Problems. M. 8.40

The negro and the Indian. Causes and conditions of Immigration. Social and economic effects upon the United States. The assimilation of the immigrant. Special attention will be paid to present problems relating to the Chinese, Japanese, Italians, Slavs, etc. One hour a week thruout the year.

193. Studies in the Rural Field. (1)

This course is primarily intended for those students taking agricultural chemistry or primarily interested in rural work. An account of changes in population; farm ownership and its problems; the country school; the country church; social life; the rural health movement; the Grange; constructive programs.

194. Social and Vital Statistics. Hours to be arranged (1)

This course aims to prepare the student to collect, with accuracy and completeness, the data for social work as well as to arrange them, and make use of most important material in the fields of economic and sociological research. Special emphasis is laid upon the need for caution in use of statistics. Fundamental principles are developed in connection with practical problems.

Omitted in 1916-1917.

MATHEMATICS.

PROFESSOR BAUMAN.

This department aims at the following results:

1. To train the mind to reason clearly and logically.
2. To teach the student to be exact, quick of comprehension, and systematic in presentation.
3. To impart facility in applying mathematical principles to practical problems.
4. To lay the foundation for future special work in the various branches of the subject.

REQUIRED OF ALL FRESHMEN

200. Higher Algebra. First Section, M. 1, T. 8.40 (2)
Second Section, M. 8.40, Th. 8.40

Radicals, imaginary quantities, quadratic equations, proportion, progressions, binomial theorem, logarithms, permutations and combinations, series, theory of equations, including graphical representation of functions, and Horner's Theorem. Wentworth's Higher Algebra.

Students who present Higher Algebra for entrance will take Physiography 211 and Meteorology 212 instead of this course.

201. Solid Geometry. First Section, F. 10
Second Section, M. 3 (1)

Solid Geometry. Lines and planes in space, polyhedral angles, prisms, pyramids, similar polyhedrons, cylinders, cones, prismatoid formula, numerous practical problems. Wentworth's Revised Solid Geometry.

202. **Plane Trigonometry.** Trigonometrical functions, solutions of right triangles, practical applications. One hour a week for Freshmen during the spring. Wentworth's Plane Trigonometry.

REQUIRED OF ALL SOPHOMORES

203, 204, 205, 206. First Section, M. 2, T. 2
Second Section, W. 8.40, F. 1

203. **Trigonometry.** Goniometry, solutions of plane oblique triangles, numerous practical applications in the measurement of heights and distances, right and oblique spherical triangles, application to astronomical problems. (See under 206.)

204. **Surveying.** Land surveying, triangulation, leveling, railroad surveying, many practical problems and some illustrative field work. (See under 206.)

205. **Spherical Geometry.** Sections of spheres, tangents to spheres, spherical triangles, measurement of spherical surfaces and volumes, practical applications. Wentworth's Revised Solid Geometry.

206. **Navigation.** Plane sailing, parallel and middle latitude sailing, traverse sailing; some nautical astronomy. Wentworth's Trigonometry, Surveying and Navigation.

ELECTIVE FOR JUNIORS

208. Analytical Geometry, Plane and Solid.
T. 10. Other hour to be arranged (2)

This is an extensive course based on Wentworth's "Analytical Geometry."

ELECTIVE FOR SENIORS

209. Calculus. Th. 2, and two more hours to be arranged (3)

Differentiation of algebraic and transcendental functions. Integration of monomials, binomials, rational fractions and infinite series, together with double integration and many practical applications in the calculation of areas, volumes, surfaces, moment of inertia, etc. Osborne's Differential and Integral Calculus.

210. General Astronomy. Hours to be arranged (2)

This course includes a thorough study of the facts and theories of astronomy together with mathematical demonstrations. The study is illustrated by field work with a good portable four-inch telescope. Young's General Astronomy. Elective.

PHYSIOGRAPHY AND METEOROLOGY

211. Physiography. First Semester, hours to be arranged (1)

This course is elective and is especially intended for those who owing to circumstances cannot elect Geology, Astronomy, and Meteorology as principal subjects, and yet desire a fair knowledge of the facts and principles of these sciences. Two hours a week for the first semester. Elective for Juniors; required of Freshmen who offer Higher Algebra for entrance. Hinman's Elective Physical Geography.

212. Meteorology. Second Semester, hours to be arranged (1)

This embraces the elements of the science as given in Davis' Elementary Meteorology, together with practical work. Elective for Juniors; required of Freshmen who offer Higher Algebra for entrance.

DEPARTMENT OF NATURAL AND APPLIED SCIENCE.

PHYSICS AND CHEMISTRY.

PROFESSOR REESE AND MR. FASIG

The course in Physics and Chemistry is intended to be intensive rather than extensive. The endeavor is made to teach *thoroly* and impart a clear-cut knowledge of the *fundamentals* of the above-named sciences. The attention of the student is also directed to their practical applications.

The primary object of the course in physics and chemistry is to furnish the classical student a basis for the explanation of the phenomena presented to him in his daily life. The elective work will prepare the student for advanced work after graduation.

In the laboratories the student receives the *personal* attention of the professor and instructor during the laboratory period. The laboratories are open, however, from nine a. m. to five p. m. every day, so that work may be done during any part of the day, provided that it will not interfere with other classes.

Stress is laid on the keeping of a notebook on both the lecture and laboratory work. The notebooks are carefully corrected and returned to the student with suggestions and references to the work in hand. If the laboratory work be poorly done, it will be repeated until good results are obtained. But if after earnest effort the pupil cannot find the error the professor will review with him that part of the work in which the error occurs.

The department has a good equipment. A stereopticon with vertical attachment, optical bench and accessories for same, together with slides illustrative of physics and chemistry, especially the industrial side, is at the disposal of the department.

It is further equipped with a reflecting goniometer by Fuss, refractometers, spectroscope, polariscope, etc.

REQUIRED OF A.B. AND PH.B. JUNIORS

PHYSICS

220. General Physics. M. 11, W. 8.40 (2)

MR. FASIG

Lectures and recitations. The endeavor is made to present the subject in such a way that its different branches may be correlated in one science of energy. The lectures are illustrated and all the experiments planned to keep the above object in view.

The phenomena and practical applications based on physical principles with which the student comes in daily contact are especially emphasized.

REQUIRED OF B.S. JUNIORS

221. College Physics. Junior Year—T. 11, T. 4, Th. 11 (3)

PROF. REESE AND MR. FASIG

Standard college course.

222. Laboratory Work in General Physics.
Junior Year, T. 1-4, Th. 1-4 (2)

PROF. REESE AND MR. FASIG

The experiments are for the most part quantitative in character and give practice in mechanics, heat, light, electricity and sound. The laboratory work will be prefaced by several lectures on methods, determination and use of data, graphic methods, interpretation of results, etc. Elective for others A.B. and Ph.B.

REQUIRED OF A.B. AND PH.B. SOPHOMORES

CHEMISTRY

230. General Course. W. 4 (1)

MR. FASIG

This course constitutes an introduction to the study of chemistry. No previous knowledge of the subject will be assumed. The work of the first term is devoted to the laws and theories on which the science is built. The remainder of the year is devoted to the study of the metals, their occurrence, preparation and industrial value.

231. Laboratory—General Chemistry. W. 1-4 (2)

MR. FASIG

The work will be devoted particularly to the study of acids, bases, salts, air, water, soil and a short course in the separation of the metallic and acid radicals.

REQUIRED OF B.S. FRESHMEN

232. General Chemistry for B. S. Students. Th. 10, F. 10 (2)

PROF. REESE AND MR. FASIG

This is a more advanced and thoro course than 230.

233. Laboratory—General Chemistry. T. 1-4, Th. 1-4 (4)

PROF. REESE AND MR. FASIG

This course is particularly designed to supplement course 232. It is designed to illustrate and elucidate the fundamental principles

of the science; to exemplify the simpler methods of chemical preparation and to develop the manipulative skill of the student.

REQUIRED OF B.S. SOPHOMORES; ELECTIVE FOR OTHERS

234. Qualitative Analysis. First Semester, T. 1-5, Th. 1-5, F. 11 (2)

PROF. REESE AND MR. FASIG

This is mainly a laboratory course, with frequent conferences and quizzes on the chemical reactions involved and lecture demonstrations on the practical work. The separation of the more common metallic and acid radicals forms a basis of the laboratory work. The endeavor is made to have the work so done that the student will be enabled to analyze any mineral or inorganic technical product, soluble or insoluble. Prerequisite 233.

235. Quantitative Analysis.

Second Semester, T. 1-5, Th. 1-5, F. 11 (2)

PROF. REESE AND MR. FASIG

The course will be divided into three parts: (1) Calibration of weights, flasks, etc. (2) Volumetric analysis. (3) Gravimetric analysis. While the more familiar determinations in these groups will be required, the amount of ground covered in each will depend on the student's ability and the time he can devote to the subject. Prerequisite 232, 233, 234.

REQUIRED OF B.S. SENIORS

236. Organic Chemistry. M. 1-5, T. 10, W. 1-5 (5)

PROF. REESE

Lectures, recitations and laboratory work. The lecture and laboratory courses combined give a thorough knowledge of the elementary compounds of carbon. Text-book: Organic Chemistry, Perkins and Kipping. Prerequisite 232, 233.

237. Technical Analysis. Hours to be arranged (1½)

PROF. REESE AND MR. FASIG

Cement, clays, iron, steel, soap, oils, fuels, ores, and gas analysis. In many of the above, such as cement and clays, the physical tests will also be made. Prerequisite 232, 233, 234, 235.

DEPARTMENT OF BIOLOGY.

PROFESSOR BAILEY.

The courses of the Biological Department have been so arranged as to offer work to the students thruout the Sophomore, Junior and Senior years.

The courses have been so designed as to meet the requirements of those students who desire general collegiate culture and also those who expect to enter the professions of medicine and teaching.

The work in Mammalian Anatomy and Embryology has been especially arranged for prospective medical students. All of the other courses are equally valuable to both the general and special students.

Thruout the Biological courses emphasis will be laid upon the economic features of the science and whenever possible such forms of life will be chosen for study as possess economic as well as systematic value. Especial pains will be taken to familiarize the student with those forms of animals, insects, trees and flowers which bear some relation to man. The purpose of the entire Biological course is to offer such information and present such opportunities to the students as will lead to practical benefit in after life.

Considerable Biological material has been mounted up for class demonstration purposes and will be used regularly in each of the courses. A large number of lantern slides has also been accumulated and in each of the courses the class and laboratory work will be supplemented by a number of illustrated lectures.

Following is a brief outline of the courses offered:

REQUIRED OF B.S. SOPHOMORES

The work of this year is divided into two courses, each of which covers a half year's time.

250. Cryptogamic Botany. First Semester, W. 1-4

A study of myxomycetes—those organisms on the borderland of zoology and botany: algae, fungi, mosses, ferns, etc. Such forms will be selected for study as bear an economic relation to man and special attention will be directed to such forms of fungal life as give rise to diseases of cultivated plants.

251. Phanerogamic Botany. Second Semester, W. 1-4

A large portion of the time will be spent in the field. Efforts will be made so to familiarize the student with trees, shrubs and flowers that he will be able to recognize, name and classify all such within the region accessible for study. The field work will be supplemented by such laboratory instruction as will be necessary. Additions to the college Herbarium will be made, and personal collections of plant life by the students will be encouraged and required.

REQUIRED OF B.S. JUNIORS

It has been found best to divide the work of this year into the following three courses, each of which will cover a period of three months' time. In order to conform to the general two-term plan, however, the first two courses are indicated as first term subjects, although, in reality, the second course will overrun the mid-year examination period.

252. Invertebrate Zoology. First Semester, M. 1-4, W. 1-4

The morphology, habits, life history and classification of representative invertebrate animal forms will be studied. Emphasis will be laid upon the principles of heredity, the evidence and factors of evolution and interesting instances of parasitism.

253. Economic Entomology. First Semester, M. 1-4, W. 1-4

The life histories of each of our important insect species (both beneficial and injurious) will be taken up. The student will be taught effective methods of control of all our insect pests. In so far as possible the insect forms will be observed in the field. A mounted collection of 25,000 forms will greatly aid the student in this course.

254. Vertebrate Zoology. Second Semester, M. 1-4

Representatives of the great classes of fish, amphibians, reptiles, birds and mammals will be studied and the comparative morph-

ology of the various systems and organs noted. Dissections of various animals will be required. The evolution of the various organs will be noted and the habits and life histories of the different groups will be studied in so far as time will permit. The Biological Museum contains mounted or preserved specimens of practically all of the local species of vertebrates. Second term, Junior. Two half days per week.

REQUIRED OF B.S. SENIORS

The work of this year is divided into three courses, each of which will cover a period of three months' time. As in the case of Sophomore work, in order to adhere to the two-term plan, the first two courses are indicated as first term subjects, although the second course will actually overrun the mid-year examination time.

255. Bacteriology. First Semester, T. 1-4, F. 1-4

Quantitative examination and isolation of the bacteria in water, milk, soil, air, etc., will be made by students taking this course. The cause and prevention of disease, the problem of sewage disposal, the isolation and study of the various forms of bacteria in various water supplies, etc., are subjects that are included in this course.

256. Mammalian Anatomy. First Semester, T. 1-4, F. 1-4

A dissection of the cat, and, if time permits, of man will be required. Each of the Mammalian Systems will be studied in detail. This course will give the student a close acquaintance with the structure of the human body. Vestigial tissues will be noted and their significance explained. Mounted skeletons, enlarged models, preserved dissections, charts, etc., offer excellent advantages to those electing this course.

257. Histology and Embryology. Second Semester, T. 1-4, F. 1-4

The principal animal tissues will be studied. The student will be taught methods of fixing, embedding, sectioning, staining and mounting of tissues. Microtomes, compound microscopes, etc., are available.

A study of the origin and development of the various organs of the frog, chick and man will be made. Problems relating to the maturation, fertilization and segmentation of the egg, the origin of the germ layers and the early development of the principal vertebrate tissues and organs are taken up. The student is required to

incubate the egg of at least one vertebrate, and to imbed section and study the embryo of same. Second term, Senior. Two half days per week.

GENERAL BIOLOGY COURSE

ELECTIVE FOR SENIORS

258. Lecture Course. F. 11 (1)

This course is designed to meet the needs of those students, who because of other requirements have not been able to elect the regular Junior and Senior Biological courses but who nevertheless desire to obtain a general knowledge of Biological principles and phenomena before leaving college. The course aims to cover, in brief fashion, all of the important phases of Biology. It is in no respect a substitute for the regular courses. An illustrated lecture will be given weekly. Subjects such as the following will receive attention: Botany, Bacteriology, Forestry, Plant Diseases, Zoology, Distribution of Plants and Animals, Economic Biology, Evolution, Paleontology, etc.

DEPARTMENT OF GEOLOGY

PROFESSOR BAILEY

ELECTIVE FOR SENIORS

270. Geology. T. 1, Th. 8.40 (2)

The course in Geology is open to members of the Senior class. The course comprises work in structural, dynamic and historical Geology. Chamberlin and Salisbury's College Geology, supplemented by various National and State Geological Reports will constitute the text-book matter of the course. Constant use of the excellent collection of rock specimens in the Geological Museum will be made. Historical Geology is taken up during the last half of the year, and during this time frequent illustrated lectures will be given. Particular attention will be paid to the American Continent. Maps will be drawn, showing the relations of land and sea during each geological period, and the deposited strata and their included organisms will be carefully studied. A complete geological study of Lehigh County will be made, the class taking local field trips and noting outcrops of the different rock formations. A series of charts and a collection of named fossils greatly aids the students in comprehending the plant and animal life of past geological times.

PHYSICAL EDUCATION.

DR. KLINE AND DR. SCHATZ

The aim of this department is to guide the normal student to grow symmetrically and to advise the defective who are weak from heredity, poor development or ignorance how to correct these defects, and to quicken the mind to ready action through promptness in class drill.

The tabulations of the present system of medical examinations and physical measurements show the student wherein he exceeds or falls below the average. In addition to the general gymnasium exercises specific directions are given to overcome hereditary or acquired defects. The three-fold record of each student is tabulated and kept by the standard card system and at varying intervals revised by re-examinations.

Classified gymnastics and apparatus work are taught by the physical director. The well-equipped FonDersmith Gymnasium, with adjoining baths, dressing room and lockers, is provided for this work.

A large field for base ball, foot ball, quarter mile running track and tennis courts offers the very best facilities for out-door athletics.

During the fall and spring the Freshmen and Sophomores are given out door work and during the winter inside work in the gymnasium. Additional and special training are offered to all upper classmen.

LITERARY SOCIETIES.

Connected with the institution there are two literary societies, membership in which is optional. Every student is advised to become a member of one of these societies and to take part regularly in its exercises. Debates, declamations, speeches, essays and the like are required in these societies, and familiarity with the application of parliament

ary law is obtained. The sessions of the societies are held every second Wednesday from 10 to 11. One of these is known as the Freshman-Sophomore Literary Society, and the other as the Junior-Senior.

SPECIAL LECTURES.

A number of special lectures are delivered during the college year by persons eminent for ability in various directions; these are free to all students and alumni of the institution, and have been largely and profitably attended. This feature will be carefully maintained in the future as a source of instruction in specialties, in recent topics of interest, and for general information upon subjects not embraced in the ordinary department work.

LIBRARY AND READING ROOM

ASSISTANT PROF. SIMPSON, LIBRARIAN

The College Library is open as follows: 11 to 12 a. m., 2 to 5 and 7 to 9 p. m., and Saturdays 9 to 11 a. m. All books are on open shelves freely accessible to all students. The professors of philosophy, history, sociology and English literature assign a large amount of reading to be done in the library; four or more copies of the most necessary books are provided for this collateral reading.

The books in the reading room, which is open at all times, include the latest edition of the Encyclopedia Britannica, other encyclopedias, Americana, International, Chambers, etc., Warner Library of the World's Best Literature, bound volumes of Harper's Magazine, numbers 1 to 103, and the revised edition of The Century Dictionary and Atlas. The periodicals in the reading room are as follows:

American Magazine, Atlantic Monthly, Century, Collier's, Current Opinion, Dial, Educational Review, Forum, Harper's Weekly, Harper's Monthly, Independent, Judge, Liter-

ary Digest, Littell's Living Age, McClure's, Missionary Review, Nation, North American Review, Outlook, Puck, Review of Reviews, Saturday Evening Post, Scientific American and Supplement, Popular Science, Outing, National Geographic, New York Times, Sun, and World, Philadelphia Press, Ledger and Record, Allentown Morning Call, Democrat, Item, and Chronicle and News, Yale Review, Daheim, Technical World Magazine, American Lutheran Survey, the New Republic Weekly.

The following are kindly sent free:

Advocate of Peace, Commoner, Doylestown Daily Intelligencer, Hamburg Item, Northampton Democrat, American Economist, Our Dumb Animals, Reading Eagle, Locomotive, Public Service, S. Bethlehem Globe, Lutheran, Lutheran Observer, Lutheran Woman's Work, Luther League Review, Der Missionsbote, Foreign Missionary, Sweet Charity, Bible Student and Teacher, Outlook of Missions, Young Folks, Christian Science Monitor.

The number of volumes accessioned in the library to date (February 3, 1917) is 21,196. The number added since December 1, 1916, is 554. By purchase were added 175; the remainder by gifts and binding. The principal benefactors were Dr. John A. W. Haas (67 volumes), Mrs. C. F. Artman (17), Class of 1915 (10), Dr. F. A. Muhlenberg (71), T. W. Milnor (14), E. E. Witmer (6), W. A. Freihofer (3), Dr. E. F. Smith (2), Prof. Brown (3), S. G. Simpson (12).

The card catalog of books in English has been completed for all sections except Natural Science, Philology and General Works.

A great need of the library is a fund of which the income might be devoted exclusively and regularly to the binding of magazines and the purchase of back numbers in bound volumes.

NEW BUILDINGS.

After occupying the buildings situated in the southeastern part of Allentown since 1867, Muhlenberg College has been moved to the western section of the city where it now possesses a site of seventy-two acres of land, on which a commodious modern college-plant has been built.

THE ADMINISTRATION BUILDING.

This building occupies the highest part of the new college grounds, facing south, and is 190 feet long and 65 feet wide, three stories high, with a basement. It is built of a pink granolithic stone, with Indiana lime-stone trimmings, in the English Renaissance style of architecture. The façade shows a central tower, which is flanked with gables on each end, the intervening wall being topped off with dormer windows.

The basement contains a gymnasium with bath and locker-rooms, a basket-ball room, bicycle and coat rooms, lunch room and Physical Director's room. The first floor contains a reception-room, offices for the President and Treasurer, the latter connecting with a fire-proof vault, chapel, and five recitation-rooms.

The second floor contains the library and reading-rooms, physical and biological laboratories, and four recitation-rooms.

The third floor contains two large literary society halls, and rooms for "The Muhlenberg," Press Club, Glee Club, museums of geology and botany.

The building is of what is known as "slow-burning construction," with iron staircases, heated by steam and lighted with electricity, supplied from a central plant. Its appointments and furnishings are modern thruout.

THE DORMITORIES.

The general scheme of the dormitories is that of a rectangle, following a typical Oxford or Cambridge system. They are divided into sections accommodating from twelve to sixteen students each, and are entered from the quadrangle through separate doorways, each section having its own hall and staircase with rooms on either side. All the sections are supplied on each floor with steam heat, electric light, hot and cold water, shower baths, and toilet-rooms.

The main entrance to the dormitories is flanked with towers which contain, on the first floor, an office, a reception-room, a janitor's room, and a baggage-room.

The front elevation of the principal dormitory is 183 feet long and three stories high. This building is called "Berks Hall," in honor of the Lutherans of Berks County, Pa., who have undertaken to raise $35,000 to pay for its erection. It accommodates seventy-five students.

Mrs. Anna Louisa Rhoads, of Reading, Pa., has erected an additional section along the eastern side of the rectangle as a memorial for her son, John Warren Rhoads.

Luther League Hall has been erected by the Luther Leagues of the Ministerium of Pennsylvania. This section of the Dormitory has begun the western side of the rectangle.

Three new sections of the dormitories were added in the fall of 1914.

POWER PLANT.

A completely equipped power-plant furnishes an ample supply of steam heat and electric light for all the buildings on the college grounds. In this building comfortable provision has been made for the chemical laboratory and dissection room.

THE COMMONS.

The Athletic Association has erected a beautiful, well-equipped and commodious commons, where all dormitory students are required to take their meals. The price of the board is $4.00 per week. No deductions from this price will be made except in cases where students are absent for one full week or more.

PRIZES.

During the year the following prizes have been announced, competition for which is subject to the rules of the Faculty, and the assigning of which is in the hands of committees appointed for this purpose. The decision will be announced on Commencement day. Friends of the institution are urged to increase the number of these prizes, especially for the lower classes.

The Amos Ettinger Honor Medal, to be assigned to that member of the Senior Class having attained the highest average grade during the year, in all his studies. Presented by Professor George T. Ettinger, Ph.D. ('80).

The President's Senior Prize. A prize of Ten Dollars to be awarded to that member of the Senior Class writing the best original essay in the department of philosophy. Subject for 1916: "The Philosophy of Bergson." Presented by President J. A. W. Haas, D.D., LL.D.

The Clemmie L. Ulrich Oratorical Prize. Twenty-five Dollars to that member of the Junior Class making the best speech in English, as to manner and matter, at the Junior Contest. Presented by bequest of Clemmie L. Ulrich, Annville, Pa.

A Second Junior Oratorical prize, given by the class of 1908, to be awarded to the man making the second best speech in English.

The President's Junior Prize. A prize of Ten Dollars to be awarded to that member of the Junior Class presenting the best original essay in the department of English. Subject for 1916: "Shakespeare and his Age." Presented by President J. A. W. Haas, D.D., LL.D.

The Reuben D. Wenrich, M.D., Prize. A prize of Ten Dollars to be awarded to that member of the Sophomore Class having attained the highest average grade in all his studies.

The Reuben J. Butz Botanical Prize of Ten Dollars given to that student who makes the best collection of local flora (including ferns). Open to all students of Botany.

The Charles D. Boschen German Prize of Ten Dollars presented to that member of the Sophomore class making the best examination in such special work as may be assigned in the German Department.

The Dr. H. A. Jelly Prize. A prize of five dollars will be given to that member of the Junior Class taking Biology who makes the most advancement in Biological studies during the year.

The Clayton K. Bernheim Biological Prize. A prize of ten dollars will be given to that member of the Senior Class taking Biology who makes the most advancement in Biological studies during the year.

DEGREES CONFERRED AT COMMENCEMENT

At the annual Commencement, held June 8, 1916, the following Degrees were conferred:

Doctor of Laws

Cheesman Herrick, Philadelphia.

Doctor of Pedagogy

Henry M. Cressman Atlantic City, N. J.

Doctor of Divinity

George S. Butz, New Holland, Pa.; Milton J. Bieber, Halifax, N. S.; Nathan R. Melhorn, Reading, Pa.; Harvey A. Weller, Orwigsburg, Pa.

STUDENT CLASS HONORS

Senior Class: C. Luther Fry, W. Russell Rosenberger.
Honorable Mention: Harry W. Hepner, Earl E. Witmer.
Junior: I. Noble Dundore, Edwin R. Haag.
Sophomore: Luther N Abele, Paul S. Christ, Joseph S. Kleckner, David F. Longaker, Joseph B. Sussman.
Freshman: Luther R. Krouse, John K. Miller, Russell D. Snyder, Earl H. Weinsheimer.

THE ADMINISTRATION OF THE COLLEGE.

GOVERNMENT.

In the administration of the government of the College, no unnecessary or arbitrary regulations are established, but only such laws are insisted upon as are necessary for the common life of Christian gentlemen. No one whose influence is against the general order of the College can expect to continue in attendance.

Whenever dismissal is necessitated as the due punishment corresponding to the offense, all advantages are forfeited. Severer discipline is however avoided, if it be in any way possible.

REGISTRATION.

On the first day of the fall term every new student shall report in person at the office of the Treasurer before 1 p. m. and register his full name and home address, as well as the course he expects to take.

A registration fee of $5.00 will be required in advance.

ELECTIVES.

On or before June 1st of each year, every student shall hand to the Dean a list of the subjects that he elects for the following year, which subjects thus become a part of his regular work. All such elections are subject to the approval of the Faculty.

EXAMINATIONS.

All the classes are examined twice a year, and the results made to count as a proper factor in the class standing.

TERM REPORTS.

Reports of standing in class, conduct, attendance, and the like, are sent to parents or guardians after each examination; and if necessary, special correspondence is had in the intervals.

SCHOLARSHIPS.

Any individual or congregation contributing $1000 to $1500 to the College will receive a permanent scholarship, which secures to the contributor, his assigns, etc., the perpetual right of educating one student in the institution free of expense for tuition and proportionate charges in the Administration Building.

The following is a list of donors having procured such scholarships:

Hon. S. A. Bridges, Allentown, Pa.
James K. Mosser, Allentown, Pa.
Andrew S. Keck, Allentown, Pa.
Thomas Keck, New York, N. Y.
Horatio Trexler, Reading, Pa.
William Saeger, Allentown, Pa.
Alfred G. Saeger, Allentown, Pa.
Charles Burkhalter, New York, N. Y.
Amos W. Potteiger, Reading, Pa.
Mrs. Sarah Miller, Allentown, Pa.
A. Stanley Ulrich, Esq., Lebanon, Pa., and Rev. Aaron Finfrock, Reading, Pa.
A. S. Shimer, Easton, Pa.
John Wagner, Hellertown, Pa.
William A. Arnold, Reading, Pa.
Samuel H. Kutz, Reading, Pa.
Robert H. Sayre, South Bethlehem, Pa.
Henry Stine, Fogelsville, Pa.
Jacob Fegely, Pottstown, Pa.
George H. Reinoehl, Lebanon, Pa.
Edward S. and Sarah Wertz, Reading, Pa.
Charles A. and Annie D. T. FonDersmith, Lancaster, Pa.
John E. Lentz, Allentown, Pa.
Mrs. Caroline Freudenberger, Tamaqua, Pa.

Reuben D. Wenrich, M.D., Wernersville, Pa. This Scholarship has been increased, by the donor, to $1,500.

Rev. Dr. John W. and Mary Sener Rumple Scholarship, endowed by the Rev. John W. Rumple. Value, the interest of $1,500.

St. John's Evangelical Lutheran Church, Allentown, Pa.

Trinity Evangelical Lutheran Church, Reading, Pa., (two owned by the Congregation, and one of $1,250 endowed by the Sunday-school, in memory of Mrs. Sidley).

St. James' Evangelical Lutheran Church, of Reading, Pa., (two owned by the Congregation).

Emanuel Evangelical Lutheran Church, of Pottstown, Pa.

St. John's English Reformed Church, of Allentown, owns the *Frank Erdman Cooper Scholarship,* given to it by C. W. Cooper, Esq., in memory of his son.

The *Luther P. Keller, Jr., Memorial Scholarship,* of St. John's Ev. Lutheran Church, Philadelphia, Pa., was endowed by Luther P. Keller in memory of his son.

The *Henry S. Neff, M.D., Memorial Scholarship,* of St. John's Ev. Lutheran Church, of Philadelphia, Pa., was endowed by George Rugan Neff in memory of his son.

The *Frank Rugan Neff Memorial Scholarship,* of St. John's Ev. Lutheran Church, of Philadelphia, Pa., was endowed by Julietta S. Neff in memory of her son.

The *Henry Melchior Muhlenberg Scholarship* was endowed by Mrs. Mary A. Rogers and Mrs. E. M. Bailey and her son James Muhlenberg Bailey, of New York, in honor of their ancestor, the Patriarch of the Lutheran Church in this country.

The *Henry and Anna Mary Romig Memorial Scholarship* was endowed by Mrs. Isaac Fegely, of Pottstown, Pa., in honor of her parents.

The *Allentown High School Scholarship* is vested in the Public School Board of Control, of Allentown, and is open annually to competition on the part of graduates of the High School.

The *Clemmie L. Ulrich Scholarship* was left by bequest for the use of the Ev. Lutheran Ministerium of Pennsylvania.

Charles Roeller Himmelwright Memorial Scholarship of St. John's Evangelical Lutheran Church, of Quakertown, Pa., endowed by Mrs. Susan Himmelwright in memory of her husband.

The Frank R. Nusbaum Scholarship, of Trinity Evangelical Lutheran Church, Lehighton, Pa., endowed by Mr. Frank R. Nusbaum. Value, the interest of $1,400.

The W. J. Andres Scholarships. Four scholarships, each the interest on $1,500, given by the bequest of Rev. W. J. Andres, especially for students preparing for the ministry.

The *Stephen A. Repass Memorial Scholarship* of St. John's Lutheran Church, Allentown, Pa. Value, the interest of $1,500.00.

The Lizzie M. George Scholarship, given by Mrs. Lizzie M. George, of Annville, Pa. Value, the interest of $1,500.00.

The Aaron B. Walp Scholarship given by Mr. Aaron B. Walp, of Trinity Church, Quakertown, Pa. Value, the interest of $1,500.

The Martin Luther Trexler Scholarship given by Rev. D. D. Trexler in memory of his son Martin Luther Trexler. Value, the interest of $1,500.

The Reber Memorial Scholarship, in memory of Henry Reber, Emma M. Reber and Catherine E. Reber, Auburn, Pa. Value, the interest of $1000.00.

The Martin Scholarship. Founded with a donation of $1,500.00 by Ada Amelia Martin, of Utica, N. Y., in memory of her parents, Frederick and Maria Carolina Lueke Martin. Value, $75.00 a year.

The Kostenbader Memorial Scholarship. Founded by the children of Mr. and Mrs. Herman Kostenbader, Catasauqua, Pa., with a gift of $1,500.00 in memory of their parents. Value, $75.00 a year.

The Theodore L. Seip Scholarship. Founded by the bequest of Mrs. Theodore L. Seip, deceased, wife of the third President of Muhlenberg College. Value, the interest of $1,500.00

The Mary E. Lovell Minnich Scholarship. Given by Rev. M. Reed Minnich, of the Church of the Incarnation, Philadelphia, Pa. Value, the interest of $900.00.

HIGH SCHOOL SCHOLARSHIPS.

The Board of Trustees has also granted a scholarship, representing an annual credit of $50 for tuition, to each of the following High Schools:

The Reading High School.
The Lebanon High School.
The Easton High School.
The Catasauqua High School.
The Hazleton High School.
The Kutztown Normal School.
Millersville Normal School.
Moravian Parochial School.
Perkiomen Seminary, Pennsburg, Pa.
Bethlehem Preparatory School.

THE CHAS. A. SCHIEREN FUND.

This fund is used to defray the tuition, and if necessary the expenses, of students who have in view the English Lutheran Ministry. The income of this fund will become available in a few years.

It is hoped that others will follow these examples, and take individual, memorial, or congregational scholarships, as thereby the owner of such a scholarship, apart from educating his own family, will aid worthy and talented but poor young men in securing an education that may fit them for eminent usefulness, and the congregations may have in perpetual training those of their sons that seek the work of the Gospel ministry.

EXPENSES FOR THE COLLEGIATE YEAR.

IN THE ADMINISTRATION BUILDING.

The expenses in the Administration Building will be $100.00, which includes tuition, the use of the College Library, Reading Room furnished and supplied with current literature by the College, Gymnasium, light, heat, and service. A deposit of $1.00 will be required for a locker key in the gymnasium, which will be refunded when the key is returned.

A Registration Fee of $5.00 will be collected from each student when entering college for the first time. A graduation fee will be collected from seniors during the last semester in college.

A student activity fee of $10.00, including an athletic fee of $7.50, will be collected annually from each student for the Athletic Association.

Board can be secured at $4.00 per week at the Commons.

The charges for material and the use of instruments in the B. S. course are, for the Freshmen, $6.00; for the Sophomores, $6.00; and for the Juniors and the Seniors, $9.00. All Chemistry students, in all courses, are required to pay a fee of $5.00 and to deposit with the Treasurer $5.00 to cover possible breakages.

For special courses, embracing from one to three subjects of study, the charges will be $25.00 a year.

The scholastic year is divided into two terms for the payment of these charges, which are divided into two equal halves, namely, from September to the end of January, and from the first of February to Commencement. ***The College charges of each term must be paid in advance.***

The members of the Senior Class, at the beginning of the second term, pay to the Treasurer an extra fee of five dollars, which will be refunded in case of failure to graduate.

IN THE DORMITORIES.

The room-rent in the Dormitories includes electric light, steam heat, hot and cold water, bath, and service. The

rental is always for the whole room or suite, and for the time extending from Monday before the opening of College in September until Saturday after Commencement in June. In case of a double room or double suite, the rent per tenant is one-half the given rent. Students staying on the premises during the day and returning to their homes at night will be assigned either to a double room or to a double suite after all the resident students have been located, and charged one-fourth the rent.

All students must furnish their own rooms, and only iron bedsteads with all iron springs approved by the College are allowed.

The rooms are divided into four classes:

1. Single rooms for one tenant only, where the rent is $55.00.

2. Single suites, a study, and a bedroom, for one tenant only, where the rent is $87.50 on the first and second floors, and $67.50 on the third floor.

3. Double rooms, one large room for two tenants, where the rent is $90.00 on the first and second floors, and $85.00 on the third floor.

4. Double suites, a study, and two bedrooms, where the rent is $140.00 and $150.00 on the first and second floors, and $130.00 on the third floor.

5. Triple suites, a large study and three bedrooms on first and second floors, where the rent is $225.00 equally divided between each occupant.

Rules governing the allotment and rental of rooms as well as the requisite application blanks and forms of leases can be secured from the Treasurer of the College.

APPROXIMATE YEARLY EXPENSES

Tuition	$ 100 00
Rent (average)	65 00
Student Activity Fee	10 00
Board, (about)	150 00
Total	$ 325 00

Registration fee and other minor fees are listed on page 70.

ENDOWMENTS, BEQUESTS AND DEVISES.

Higher education, in our country, rests largely upon a charitable basis. No institution offering a liberal education can be maintained by the moderate charges made for tuition. The increasing breadth given to such higher education, and the more exalted standard of architectural effect employed in collegiate buildings, increase enormously the resulting financial strain. No such institution can therefore keep abreast of this ever rising standard of the times without the steady increase of its endowment funds. Muhlenberg College has, in the past, been the recipient of a number of very generous gifts and endowments. But, for the reasons just assigned, it must most earnestly urge its friends and graduates to aid it in furthering its resources, endowing new professorial chairs, founding scholarships, providing funds for the aid of worthy but indigent students, and the other constantly pressing needs of the institution. Attention is also called to the eminent propriety of making bequests to advance the prosperity and widen the usefulness of our institution. As it is important that testamentary papers should be carefully drawn and regularly executed, and our corporation name be written accurately, we append the following forms, respectively for personal property and real estate, indicating whether the bequest is for endowment or the general purposes of the College:

I give and bequeath to "Muhlenberg College," in Allentown, Pennsylvania, and its successors and assigns, forever, the sum of Dollars, to be safely invested by said corporation in good real estate security, and the interest accruing therefrom to be applied to the uses and purposes of said College.

I give and bequeath a certain lot, situated (here described) to "Muhlenberg College," in Allentown, Pennsylvania, and to its successors and assigns, forever, for the uses and purposes of said College, according to the provisions of its charter.

THE ALUMNI ASSOCIATION OF MUHLENBERG COLLEGE.

PRESIDENT: Prof. George T. Ettinger, Ph.D., '80.

VICE-PRESIDENTS: Rev. J. J. Schindel, '96, Allentown, Pa., Rev. W. O. Fegley, '90, Trappe, Pa.

CORRESPONDING SECRETARY AND TREASURER: Ralph H. Schatz, Esq., '08.

RECORDING SECRETARY: Professor J. A. Bauman, Ph.D., '73, Allentown, Pa.

BOARD OF MANAGERS: Willard D. Kline, M.D., '97; Dr. Howard S. Seip, '85, and Prof. Robert R. Fritsch, '00.

The object of this Association is to cultivate friendly relations among the alumni and to promote the interests of Muhlenberg College.

Any graduate of Muhlenberg College may become a member by paying a membership fee of 50 cents, and $1 annually thereafter.

It is urgently requested that as many of the alumni as possible join the Association, and thus assist in advancing the objects for which it has been established.

The annual meeting is held on Wednesday forenoon of Commencement week.

Further information may be had from the Corresponding Secretary.

THE TEACHERS' COLLEGE

Object. The work is planned to meet the needs of the three following classes of students:

1. Teachers who may desire better training for their work in the classroom or who are preparing to pass examinations for the teacher's certificates;

2. College students who desire advanced standing but must remove conditions before such standing may be granted;

3. Any person who may desire to enter the courses for the purpose of self-improvement.

Admission. All courses are open to men and women who are qualified, in the judgment of the instructor, to pursue them. No examination is required for admission. If the student desires credit in any of the college courses given, he must have satisfied the requirements for entrance to college before entering upon his work.

Enrollment. The student should enroll at the office of the Director, and pay the required fees to the Treasurer. The student will then receive a pass card, entitling him to admission to the courses for which he has registered.

Students will not be permitted to enroll for more than three hours of lectures a day and one laboratory hour.

Fees. No registration fee is charged, except to those who desire college credit.

The charges for instruction in both schools is at the rate of $10.00 for each course of one hour a week in the Saturday School and of one hour a day for six weeks in the Summer School.

Laboratory fees are $5.00 per course.

Opening. The Saturday School, 1917, will open October 6th. Registration and consultation September 29, 1917.

The Summer School, 1917, will open July 5th. Registration and consultation day, July 3, 1917.

Credit Work. The unit of college credit is the hour, which is the work of a course meeting one hour a week for an academic year of not less than thirty weeks, exclusive of vacations.

Two hours laboratory work are credited as one hour.

The maximum amount of credit which is allowed for work in a single Summer School session, is three hours, that is, one hour of credit for each hour of work taken for five days per week, with one additional hour in special cases for laboratory work of two hours daily for five days per week.

Certificates. Certificates will be awarded to all those successfully completing examinations in the courses. For college courses completed, credit will be given toward a degree provided the student has satisfied the entrance requirements and is properly enrolled.

THE FOLLOWING COURSES ARE OFFERED:

Subject	College Catalogue Number	Saturday School Number	Summer School Number	Description
Agriculture	....	W A 1	S A 1	Elementary Course.
Agriculture	....	W A 2	S A 2	Elementary Laboratory Course
Agriculture	....	W A 3	S A 3	Advanced Course on Soils.
Agriculture	....	W A 4	S A 4	Advanced Laboratory Course.
Basketry, etc	....	.....	S Bk 1	
Biology	....	W Bi 1	S Bi 2	General.
Biology	....	.....	S Bi 3	Ornithology.
Calisthenics	....	.....	S C 1	School Room.
Calisthenics	....	.....	S C 2	Folk Dancing.
Calisthenics	....	.....	S C 3	Supervised Play.
Chemistry	**230**	**W 230**	**S 230**	**Elementary Course.**
Chemistry	**231**	**W 231**	**S 231**	**Elementary Lab't'y Course**
Chemistry	**234**	**W 234**	**S 234**	**Qualitative Analysis.**
Chemistry	**236**	**W 236**	**S 236**	**Organic.**
Chemistry	....	**W Ch 1**	**S Ch 1**	**Laboratory Course.**
Chemistry	....	.....	S Ch 2	Of Foods.
Domestic Science	....	.....	S Do 1	Laboratory Work.
Drawing	....	W Dr 1	S Dr 1	Work for Grades.
Drawing	....	W Dr 2	S Dr 2	Work for High Schools.
Drawing	....	.....	S Dr 3	Mechanical.
Economics	**190**	**W 190**	**S 190**	

COURSES OFFERED (Continued)

Subject	College Catalogue Number	Saturday School Number	Summer School Number	Description
English	**90**	**W 90**	**S 90**	**Composition.**
English	**94**	**W 94**	**S 94**	**History of Eng. Literature.**
English	**96**	**W 96**	**S 96**	**Novel.**
English	....	W Sh 1	S Sh 1	Shop.
English	**102**	**W 102**	**S 102**	**Public Speaking.**
French	**130**	**W 130**	**S 130**	**Beginners Course.**
French	**132**	**W 132**	**S 132**	**Advanced Course.**
German	....	W Gr 1	S Gr 1	Beginner's Course.
German	**112**	**W 112**	**S 112**	
German	**114**	**W 114**	**S 114**	
German	**116**	**W 116**	**S 116**	
Geography	....	W Go 1	S Go 1	Political.
Geography	....	W Go 2	S Go 2	Physical.
Geology	....	Wg 1	Sg 1	Elementary.
Greek	....	W Gr 1	S Gr 1	Beginners Course.
Greek	....	W Gr 2	W Gr 2	Anabasis.
Greek	**51**	**W 51**	**S 51**	**Iliad.**
Greek	**52**	**W 52**	**S 52**	**Prose Composition.**
Greek	....	W Gr 3	S Gr 3	Greek Literature in English.
History	**174**	**W 174**	**S 174**	**American and Civics.**
Latin	....	W L 1.	S L 2	Beginners Course.
Latin	....	W L 2	S L 2	Caesar†.
Latin	....	W L 3	S L 3	Virgil.
Latin	....	W L 4	S L 4	Cicero.
Latin	**71**	**W 71**	**S 71**	**Cicero De Amicitia.** / **Cicero De Senectute.**
Latin	**72**	**W 72**	**S 72**	**Livy.**
Latin	**73**	**W 73**	**S 73**	**Horace.**
Manual Training	....	.....	S M 1	Lectures and Shop Work.
Mathematics	....	W Ma 1	S Ma 1	Arithmetic.
Mathematics	....	W Ma 2	S Ma 2	Elementary Algebra.
Mathmetics	....	W Ma 3	S Ma 3	Plane Geometry.
Mathmetics	**200**	**W 200**	**S 200**	**Advanced Algebra.**
Mathmetics	**201**	**W201**	**S 201**	**Solid Geometry.**
Mathmetics	**202**	**W 202**	**S 202**	**Trigonometry.**
Pedagogy	**30**	**W 30**	**S 30**	**History of Education.**
Pedagogy	**32**	**W 32**	**S 32**	**Educational Psychology.**
Physics	....	W P 1	S P 1	Elementary Physics.
Physics	**220**	**W 220**	**S 220**	
Physics	**222**	**W 222**	**S 222**	
Physiol'gy & Hygiene	....	W H 1	S H 1	
Sociology	**190**	**W 190**	**S 190**	
Spanish	**150**	**W 150**	**S 150**	

All courses in heavy face type are those courses for which college credit is given. On completion of any of the other courses a certificate of work done is awarded.

Library. Saturday and Summer School students will have the use of the College Library and will be allowed to draw upon its complete collection of books. The hours during which the Library is open during the Summer School are: 10 a. m., to 4 p. m.

The Reading Room, with the latest magazines and periodicals, will be open thruout the Summer School.

All communications should be addressed to Wm. H. Reese, D.Sc., 310 South 17th St., Allentown, Pa.

UNDERGRADUATES.

SENIORS.

Mark A. Bausch	Classical	Sines Corner, Pa.
Edgar J. Brong	Philosophy	Allentown, Pa.
Wm. Lawrence Caskey	Special	Philadelphia, Pa.
Edwin D. Clauss	Classical	Allentown, Pa.
I. Noble Dundore	Classical	Myerstown, Pa.
James E. Ernst	Philosophy	Mohrsville, Pa.
John R. Euchler	Scientific	Gilbert, Pa.
Norman R. Frankenfield	Scientific	Easton, Pa.
William H. Fitzgerald	Philosophy	Philadelphia, Pa.
Samuel D. Frederick	Scientific	Allentown, Pa.
Waldemar L. Gallencamp	Classical	Scranton, Pa.
Paul J. Gebert	Classical	Tamaqua, Pa.
Edwin R. Haag	Classical	Reading, Pa.
Ernest Harting	Scientific	Allentown, Pa.
Edwin W. Hartzell	Scientific	Bethlehem, Pa.
Raymond J. Heckman	Classical	Hamburg, Pa.
Wayne W. Heffley	Scientific	Kutztown, Pa.
Joseph T. Hummel	Philosophy	Allentown, Pa.
Thomas B. Keck	Scientific	Allentown, Pa.
Wellington R. Kepler	Classical	Royersford, Pa.
Samuel R. Kistler	Classical	Allentown, Pa.
Henry C. Kraft	Classical	West Hazleton, Pa.
George A. Kunkle	Classical	Aquashicola, Pa.
H. Leslie Landis	Scientific	Harrisburg, Pa.
Leroy L. Leister	Philosophy	Allentown, Pa.
Paul A. Mader	Scientific	Allentown, Pa.
John E. Mohn	Classical	Shamokin, Pa.
Henry H. Moyer	Classical	Aquashicola, Pa.
John F. Ruhe	Scientific	Allentown, Pa.
Roland L. Rupp	Classical	Breinigsville, Pa.
Victor A. Ruth	Classical	Macungie, Pa.
C. Morris Scheetz	Philosophy	Perkasie, Pa.
William P. Schout	Scientific	Allentown, Pa.
Elwood Schwenk	Classical	Boyertown, Pa.
Bela Shetlock	Classical	Egypt, Pa.

Corson C. Snyder	Classical	Harleysville, Pa.
Wm. H. Stevens	Scientific	Philadelphia, Pa.
Samuel B. Sussman	Classical	Allentown, Pa.
Robert N. Taylor	Philosophy	Allentown, Pa.

Seniors 39

JUNIORS.

Luther W. Abele	Classical	Allentown, Pa.
Paul S. Acker	Classical	Allentown, Pa.
Harvey M. Allabaugh	Classical	Silverdale, Pa.
Russell J. Baker	Philosophy	Bangor, Pa.
John M. Bellan	Classical	Stockdale, Pa.
Lloyd M. Berkenstock	Scientific	Emaus, Pa.
Paul S. Christ	Classical	Kutztown, Pa.
George F. Crichton	Scientific	Philadelphia, Pa.
Eugene R. DeLong	Scientific	Geigers Mills, Pa.
Herman A. Dimmick	Classical	Silverdale, Pa.
Gerhard F. Euchler	Scientific	Gilbert, Pa.
Fred. J. Fiedler	Classical	Scranton, Pa.
Allen S. Fisher	Classical	Bechtelsville, Pa.
C. Russell Gaston	Special	Phillipsburg, N. J.
Harvey E. Greaves	Philosophy	Catasauqua, Pa.
Luther F. Hartzell	Classical	East Bangor, Pa.
Harold W. Helfrich	Philosophy	Allentown, Pa.
Joseph S. Kleckner	Classical	Nazareth, Pa.
Paul E. Knecht	Classical	Allentown, Pa.
Charles P Krick	Classical	Hazelton, Pa.
W. Grattan Ladd	Classical	Wilmington, Del.
Raymond P. G. Leemhuis	Philosophy	Erie, Pa.
David F. Longaker	Classical	Slatington, Pa.
Kehl Markley	Classical	Pennsburg, Pa.
W. Russell Mellick	Scientific	Bethlehem, Pa.
Fred Minner	Scientific	Allentown, Pa.
E. Harold Moyer	Classical	Perkasie, Pa.
Lloyd Musselman	Classical	Perkasie, Pa.
Chester A. Rosenberger	Classical	Perkasie, Pa.
Stanley R. Shimer	Scientific	Bethlehem, Pa.
Harvey C. Snyder	Classical	Harleysville, Pa.
Charles L. Steele, Jr.	Scientific	Philadelphia, Pa.
Vernon L. Stover	Classical	Perkasie, Pa.
Wayne Stump	Classical	Allentown, Pa.
Joseph B. Sussman	Classical	Allentown, Pa.

Clarence H. Swavely	Classical	Boyertown, Pa.
Andrew E. H. Tapper	Classical	Lancaster, Pa.
Frederick C. Troutman	Classical	Llewellyn, Pa.
Harris D. Wertman	Classical	Quakake, Pa.
M. Leroy Wuchter	Classical	Auburn, Pa.

Juniors 40

SOPHOMORES.

Edwin G. Arner	Classical	Summit Hill, Pa.
Lloyd M. Bellis	Classical	Gratz, Pa.
W. F. Bennett	Philosophical	Mertztown, Pa.
Frank M. Brown	Classical	Auburn, Pa.
Mahlon F. Cope	Classical	Benjamin, Pa.
Geo. E. DeLozier	Scientific	Juniata, Pa.
D. U. Druckenmiller	Classical	Sellersville, Pa.
T. V. Druckenmiller	Classical	Sellersville, Pa.
Harry R. Dubbs	Classical	Quakertown, Pa.
Paul J. Fogel	Classical	Nazareth, Pa.
Myrom H. Frey	Philosophical	Allentown, Pa.
Arthur H. Getz	Classical	Scranton, Pa.
J. Chas. Goering	Classical	Utica, N. Y.
Geo. R. Good	Scientific	Allentown, Pa.
Myer J. Grossman	Classical	Allentown, Pa.
Roger W. Hartman	Classical	Allentown, Pa.
Geo. W. Heiser	Classical	Buffalo, N. Y.
Homer H. Heller	Scientific	Allentown, Pa.
Henry Heuer, Jr.	Classical	Philadelphia, Pa.
Werner Jentsch	Classical	Riverside, N. J.
Ralph A. Keller	Classical	Perkasie, Pa.
Vernon L. Kemmerer	Scientific	Slatington, Pa.
Clark S. Kistler	Pre-Medical	Allentown, Pa.
Geo. E. Klick	Classical	Pine Grove, Pa.
Luther B. Klick	Classical	Pine Grove, Pa.
Raymond A. Kline	Classical	Lebanon, Pa.
Carl J. Knauss	Scientific	Allentown, Pa.
Luther A. Krouse	Classical	Reading, Pa.
M. C. Lipsky	Philosophical	Catasauqua, Pa.
James F. McGovern	Philosophical	Steelton, Pa.
W. Bruce MacIntosh	Classical	Norristown, Pa.
L. Agustus Markley	Classical	Coshocton, O.

Claude L. Metz	Special	Tamaqua, Pa.
Paul Meyers	Philosophical	Allentown, Pa.
John K. Miller	Classical	Philadelphia, Pa.
Wm. M. Muthard	Classical	Boyertown, Pa.
Steward A. Nase	Classical	Sellersville, Pa.
Grant E. Phillips	Classical	Shoemakersville, Pa.
Geo. T. Reichard	Philosophical	Allentown, Pa.
Chas. F. Reichardt	Classical	Ephrata, Pa.
Harold Romig	Classical	Allentown, Pa.
Robert S. Rusling	Pre-Medical	Blairstown, N. J.
Dalton F. Schwartz	Scientific	Allentown, Pa.
Floyd E. Shupp	Classical	Broadheadsville, Pa.
Walter J. Smith	Classical	Toledo, O.
Russel D. Snyder	Classical	Millersburg, Pa.
Wayne Stettler	Classical	Slatington, Pa.
Wm. H. Taylor	Scientific	New Bedford, Mass.
Leonard M. Utz	Scientific	Wilkesbarre, Pa.
Wm. G. Wahl	Classical	Philadelphia, Pa.
Earl H. Weinsheimer	Classical	Allentown, Pa.
Mark A. Wetherhold	Scientific	Allentown, Pa.
Wilson E. Wimmer	Scientific	Bingen, Pa.
Frederick H. Worsinger	Classical	Reading, Pa.

Sophomores 54

FRESHMEN

John S. Ammarrell	Pre-Medical	West Leesport, Pa.
Russell S. Bachman	Classical	Allentown, Pa.
David M. Bean	Philosophical	Perkasie, Pa.
Robert W. Becker	Philosophical	Sellersville, Pa.
Rudolph E. Bohor	Classical	Cementon, Pa.
Mark B. Bollman	Philosophical	Allentown, Pa.
John F. Boyer	Pre-Medical	Allentown, Pa.
C. A. D. Buck	Philosophical	Cherryville, Pa.
Thomas J. Cabelus	Pre-Medical	New Britain, Conn.
Paul Chropuvka	Classical	Lansford, Pa.
Andrew Daley	Scientific	Beverly, Mass.
Luther J. Deck	Classical	Hamburg, Pa.
Frank R. Deisher	Classical	Kutztown, Pa.
H. P. Detweiler	Philosophical	Hagersville, Pa.
Paul A. Devereux	Scientific	Philadelphia, Pa.
Arthur D. Driscoll	Scientific	Everett, Mass.

William S. Dudack	Pre-Medical	New Britain, Conn.
Earl S. Erb	Classical	East Greenville, Pa.
Michael Fallon	Pre-Medical	Hartford, Conn.
Joseph J. Fitzgerald	Scientific	Everett, Mass.
Richard R. Gates	Classical	Lebanon, Pa.
Charles F. Gloss, Jr.	Scientific	Minersville, Pa.
Abraham J. Granoff	Philosophical	Allentown, Pa.
Raymond A. Green	Classical	Lebanon, Pa.
Freeland L. Hemmig	Classical	Mohnton, Pa.
Harry E. Herman	Classical	Elizabethville, Pa.
Linton R. Herron	Special	Beverly, Mass.
W. Chester Hill	Classical	Vandegrift, Pa.
Martin J. Hoeppner	Classical	Norristown, Pa.
J. Paul Hoffberger	Classical	Womelsdorf, Pa.
Alfred W. Jones	Scientific	New Bedford, Mass.
Harry S. Kleckner	Classical	Allentown, Pa.
Ira R. Kline	Classical	Emaus, Pa.
John F. Kline	Classical	Allentown, Pa.
Wilmer S. Kuhn	Classical	Green Lane, Pa.
Milford L. Landis	Classical	Robesonia, Pa.
George F. Leibensperger	Pre-Medical	Kutztown, Pa.
H. C. J. Lennox	Scientific	Bethlehem, Pa.
Amon Lichty, Jr.	Classical	Pennsburg, Pa.
Otto F. Nolde	Classical	Riverside, N. J.
H. Sherman Oberly	Classical	Butler, Pa.
Augustine O'Neill	Pre-Medical	Allentown, Pa.
Russell B. Pool	Scientific	Lansdale, Pa.
Harvey A. Reifsnyder	Classical	Egypt, Pa.
J. Homer Roblyer	Scientific	Wellsboro, Pa.
Jesmond W. Schilling	Pre-Medical	Erie, Pa.
David J. Schleicher	Scientific	Catasauqua, Pa.
William J. Serfas	Philosophical	Effort, Pa.
Paul W. Shankweiler	Scientific	Allentown, Pa.
R. G. Shankweiler	Philosophical	Allentown, Pa.
Edwin L. Shelling	Scientific	Allentown, Pa.
C. Leslie Smith	Scientific	Allentown, Pa.
James F. Snyder	Scientific	Slatington, Pa.
Warren P. Snyder	Scientific	Catasauqua, Pa.
Frederick A. Stauffer	Classical	Zionsville, Pa.
Hobart W. Tyson	Classical	Catawissa, Pa.
William A. VanZandt	Philosophical	Sellersville, Pa.
Paul S. Weller	Scientific	Macungie, Pa.

John R. White	Classical	Allentown, Pa.
Samuel N. Wilson	Scientific	Glenside, Pa.
Charles R. Witmer	Classical	Philadelphia, Pa.
Irvin C. Wise	Classical	East Greenville, Pa.
Carl Zelm	Special	Boston, Mass.

Freshmen 63

TEACHERS' SCHOOL STUDENTS WINTER SESSION

Hilda Ahlum	Allentown, Pa.
W. B. Alexander	Stiles, Pa.
Hannah Arner	Allentown, Pa.
M. E. Barner	Allentown, Pa.
Stanley Bears	Walnutport, Pa.
Joyce Beary	Allentown, Pa.
Margaret Beary	Allentown, Pa.
W. F. Bennett	Mertztown, Pa.
A. L. Berlin	Allentown, Pa.
Estella Bernhard	Allentown, Pa.
C. H. Billheimer	Northampton, Pa.
Lucy M. Blummer	Allentown, Pa.
F. M. Bock	Northampton, Pa.
Sadie Borman	Allentown, Pa.
C. E. Cole	Palmerton, Pa.
C. F. Dengler	Emaus, Pa.
Maud DeRone	Allentown, Pa.
Leah M. Dieter	Allentown, Pa.
Hattie Driefuss	Allentown, Pa.
C. E. Eisenhard	Allentown, Pa.
Helen M. Englert	Allentown, Pa.
Laurie Finlay	Alburtis, Pa.
S. C. Frankenfield	Northampton, Pa.
Russel J. Freyman	Wescoesville, Pa.
Agnes Gaffney	Allentown, Pa.
Martha B. Granger	Allentown, Pa.
Samuel P. Guth	Stettlersville, Pa.
Nellie Hahn	Allentown, Pa.
Francis W. Hartman	Allentown, Pa.
Roma I. Hamm	New Tripoli, Pa.
Lucy M. Heberling	Allentown, Pa.
Mabel M. Heberling	Allentown, Pa.
Elsie M. Heckman	Allentown, Pa.

Sallie Heckrotte ..... Allentown, Pa.
Dorothy Heil ..... Allentown, Pa.
Mame C. Heffner ..... Allentown, Pa.
W. M. Heilman ..... Allentown, Pa.
A. J. Heller ..... Allentown, Pa.
A. I. Hendricks ..... Perkasie, Pa.
Anina Hilken ..... Allentown, Pa.
G. W. Hohe ..... Emaus, Pa.
Anna M. Hollman ..... Allentown, Pa.
Arthur Y. Holter ..... Emaus, Pa.
Werner Jentsch ..... Riverside, N. J.
Anna Kanyuck ..... Northampton, Pa.
Mame M. Keehn ..... Allentown, Pa.
W. R. Kepler ..... Allentown, Pa.
Chas. A. Kepner ..... Allentown, Pa.
Ervin Kehs ..... Pennsburg, Pa.
Carrie B. Kichline ..... Allentown, Pa.
Florence M Kline ..... Allentown, Pa.
J. A. Klinger ..... Allentown, Pa.
Eugene M. Knerr ..... Allentown, Pa.
J. G. Koch ..... Northampton, Pa.
Edwin P. Kohler ..... Emaus, Pa.
Lyman D. Kocher ..... So. Allentown, Pa.
Elizabeth A. Koons ..... Allentown, Pa.
Luther J. Kuhns ..... Orefield, Pa.
Sarah E. Kratz ..... Allentown, Pa.
Edith Kuntz ..... Allentown, Pa.
R. C. Landis ..... Emaus, Pa.
W. D. Landis ..... Northampton, Pa.
Grace Leipensberger ..... Allentown, Pa.
L. R. Manwiller ..... Northampton, Pa.
Marjorie M. Marks ..... Emaus, Pa.
Florence McKeever ..... Allentown, Pa.
M. M. Merkel ..... Emaus, Pa.
E. F. Miller ..... Orefield, Pa.
Laura Miller ..... Allentown, Pa.
Anna Magee ..... Allentown, Pa.
L. H. Mull ..... Allentown, Pa.
W. E. Musselman ..... Allentown, Pa.
Emma A. Nonemacher ..... Allentown, Pa.
R. L. Pengelly ..... Allentown, Pa.
Mary G. Raub ..... Allentown, Pa.

ROGER M. RENTSCHLER .....Allentown, Pa.
HARRIET REX .....Allentown, Pa.
ADELINE P. RICHARDS .....Allentown, Pa.
HATTIE RITTER .....Allentown, Pa.
M. C. ROTH .....Allentown, Pa.
H. H. RUCH .....Allentown, Pa.
MAUDE J. RULOFF .....Allentown, Pa.
PERRY E. SCHANTZ .....Emaus, Pa.
ADA D. SCHEIRER .....Allentown, Pa.
GUY E. SCHROPE .....Allentown, Pa.
LOUISE SCHNEIDER .....Allentown, Pa.
CATHERINE J. SEATON .....Allentown, Pa.
HELEN M. SECHRIST .....Allentown, Pa.
PAUL SHANKWEILER .....Allentown, Pa.
N. A. SHIELDS .....Allentown, Pa.
WM. SHETLOCK .....Egypt, Pa.
RALPH L. SMITH .....Northampton, Pa.
CARRIE W. SNYDER .....Allentown, Pa.
H. D. STECKEL .....Slatington, Pa.
A. D. STECKEL .....Coplay, Pa.
J. S. STETTLER .....Bethlehem, Pa.
REBECCA S. STEWART .....Allentown, Pa.
WILLARD THIEL .....Allentown, Pa.
A. C. TOONEY .....So. Bethlehem, Pa.
HARRY D. WEILER .....Allentown, Pa.
ANGELINA WETHERHOLD .....Allentown, Pa.
MARION WETZEL .....Allentown, Pa.
GRACE E. WILL .....Allentown, Pa.
FRED J. WILT .....So. Bethlehem, Pa.
CATHRINE WERNER .....Allentown, Pa.
HILDA E. WORLEY .....New Tripoli, Pa.
J. H. YERGER .....Mt. Penn, Pa.
HARRY YODER .....Kutztown, Pa.
IDA L. ZIMMERMAN .....Allentown, Pa.

Saturday School, 109

TEACHERS' SCHOOL SUMMER SESSION

R. C. ARNDT .....Walnutport, Pa.
HANNAH ARNER .....Allentown, Pa.
CLARA M. BALLIET .....Allentown, Pa.
JOHN BAUMAN .....Allentown, Pa.

EMILY BLUMMER .....Allentown, Pa.
F. M. BOCK .....Northampton, Pa.
PANSY BOYER .....Slatington, Pa.
NAOMI CLARK .....Richlandtown, Pa.
RUBIE DILLER .....Emaus, Pa.
HATTIE DREIFUSS .....Allentown, Pa.
C. W. EISENHARD .....Moutainville, Pa.
EVELYN FENSTERMACHER .....Allentown, Pa.
S. C. FRANKENFIELD .....Northampton, Pa.
MABEL FREY .....Allentown, Pa.
LAZER GROSSMAN .....New York City, N. Y.
W. M. HEILMAN .....Allentown, Pa.
LUBERDA HEINTZLEMAN .....Allentown, Pa.
A. R. HENDRICKS .....Perkasie, Pa.
A. J. HELLER .....Allentown, Pa.
I. MAUDE KENDT .....Bethlehem, Pa.
C. F. KISTLER .....Parryville, Pa.
ALPHA KISTLER .....Allentown, Pa.
ANNIE B. KISTLER .....Allentown, Pa.
CATHERINE KISTLER .....Allentown, Pa.
J. G. KOCH .....Northampton, Pa.
W. D. LANDIS .....Northampton, Pa.
R. C. LANDIS .....Emaus, Pa.
E. S. LANDIS .....Walnutport, Pa.
HELEN LANDIS .....Quakertown, Pa.
FLORA LENHART .....Allentown, Pa.
LOTTIE LEWIS .....Palmerton, Pa.
LLOYD MANWILLER .....Boyertown, Pa.
MARY MCDERMOTT .....Allentown, Pa.
BLANCHE MEYERS .....Zionsville, Pa.
W. E. MUTH .....Northampton, Pa.
TERRANCE NEIL .....Quakertown, Pa.
MATTHEW REILLY .....Allentown, Pa.
E. H. SANDERS .....Mount Penn, Pa.
VIOLA SCHANTZ .....East Greenville, Pa.
EVA SOLLIDAY .....Sellersville, Pa.
WILLIAM SHETLOCK .....Egypt, Pa.
J. V. SHANKWEILER .....Topton, Pa.
A. D. STECKEL .....Coplay, Pa.
R. L. SMITH .....Northampton, Pa.
HELEN UNGER .....Emaus, Pa.

BLANCHE WILLIAMS .....Coopersburg, Pa.
HARRY YODER .....Kutztown, Pa.
Summer School, 47

SUMMARY.

Seniors	39
Juniors	40
Sophomores	54
Freshmen	63
	196
Students in Summer school	47
Students in Saturday school	109
Students in Preparatory school	109
	461
Name appearing twice	14
Total	446

ALUMNI.

1868.

ERNEST A. MUHLENBERG, ESQ.....Reading, Pa.
*WILLIAM F. MUHLENBERG, M.D., LL.D..Reading, Pa.
REV. WILLIAM H. RICKERT.....Philadelphia, Pa.
PROF. LUTHER A. SWOPE.....New York City

1869.

*REV. GEORGE D. FOUST.....North Wales, Pa.
*REV. MILTON J. KRAMLICH.....Allentown, Pa.
*REV. PROF. REVERE F. WEIDNER, D.D.,
LL.D. .....Chicago, Ill.

1870.

FREDERICK W. BUTLER.....Reading, Pa.
*REV. ISAAC N. S. ERB.....Orwigsburg, Pa.
REV. PROF. WILLIAM K. FRICK, D.D..... Milwaukee, Wis.
*REV. JOHN J. KUNTZ.....Allentown, Pa.
*WILLIAM H. KUNTZ, M.D.....New Castle, Del.
REV. JOHN W. RUMPLE, PH.D.....Lancaster, Pa.
REV. SAMUEL A. ZIEGENFUSS, D.D.....Strassburg, Pa.

1871.

RICHARD H. BECK, M.D.....Hecktown, Pa.
*JOHN H. GARBER.....Salinas City, Cal.
*DAVID S. HOFFMAN, M. D.....San Diego, Cal.
*CHARLES H. KELLER.....Philadelphia, Pa.
*PROF. BENJAMIN F. KNERR.....South Evanston, Ill.
REV. CHARLES S. KOHLER.....Cleveland, Ohio.
EUGENE C. LOCHMAN, ESQ.....New York, N. Y.
*REV. ACHILLES J. LONG.....Stouchsburg, Pa.
*REV. JACOB H. NEIMAN.....Shillington, Pa.
REV. PROF. JEREMIAH F. OHL, MUS. DOC..Philadelphia, Pa.
REV. HIRAM PETERS, D.D.....Lewisburg, Ohio.
*REV. OLIVER P. SMITH, D.D.....Pottstown, Pa.
*REV. HENRY B. STRODACH..... Reading, Pa.
*HENRY W. WOODWARD, ESQ.....Philadelphia, Pa.

*Deceased

1872.

Rev. William A. Beates.....Lancaster, Ohio.
*Rev. D. Levin Coleman.....Easton, Pa.
*Martin L. Fritch.....Philadelphia, Pa.
Rev. Samuel W. Kuhns.....Woodstock, Va.
*Rev. William H. Laubenstein.....Tamaqua, Pa.
Rev. Alpheus D. Potts, D.D.....Chambersburg, Pa.
Rev. Myron O. Rath.....Allentown, Pa.
*Rev. George H. Rhodes.....Gouldsboro, Pa.
*Rev. J. George Schaidt.....New Haven, W. Va
Rev. John A. Scheffer.....Allentown, Pa.
William P. Snyder.....New York, N. Y.
*Horatio R. Trexler.....Reading, Pa.
*Rev. John M. Uhrich.....Pillow, Pa.
*Rev. George T. Weibel.....Churchtown, Pa.

1873.

Rev. Prof. John A. Bauman, Ph.D.....Allentown, Pa.
*Harry P. Cooper.....Emaus, Pa.
Rev. Jesse S. Erb.....Slatington, Pa.
*Frank C. Erdman, M.D.....Centre Valley, Pa.
Rev. Prof. G. H. Gerberding, D.D.....Chicago, Ill.
Oscar S. Grim.....Allentown, Pa.
Howard Himmelwright.....Tyrone, Pa.
*Rev. Charles J. Hirzel .....Philadelphia, Pa.
*Charles B. Keller .....Lancaster, Pa.
Hon. George F. Kribbs.....Kissimmee, Fla.
Rev. George G. Kunkle.....Cherryville, Pa.
Oscar Meyer.....Chicago, Ill.
Rev. William H. Myers.....Reading, Pa.
*Rev. John Nicum, D.D.....Rochester, N. Y.
Rev. Asher P. Pflueger.....Ringtown, Pa.
*Prof. Francis D. Raub.....Allentown, Pa.
Rev. D. Luther Roth, D.D.....Girard, Pa.
Rev. Luther M. C. Weicksel.....Renovo, Pa.
*Rev. Julius A. J. Zahn.....Greenville, Pa.

1874.

Rev. James L. Becker, D.D.....Lansdale, Pa.
*Albert J. Erdman, Esq.....Allentown, Pa.
Rev. Asa E. Erdman.....Nazareth, Pa.
*David F. Eyster, Esq.....Camp Hill, Pa.

HON. MILTON C. HENNINGER .....Allentown, Pa.
OSCAR E. HOLMAN, ESQ.....St. Paul, Minn.
*HON. MARCUS C. L. KLINE.....Allentown, Pa.
*ALFRED M. KOONS, D.D.S.....Patch Creek, N. Y
MONROE T. KUNTZ, M.D.....Mulberry, Ind.
WILLIAM A. LICHTENWALLNER, ESQ.....Los Angeles, Cal.
HON. JAMES L. SCHAADT.....Allentown, Pa.
*ADAM H. SCHMEHL, ESQ. .....Reading, Pa.
PROF. EDGAR D. SHIMER, PH.D., LL.D.....Jamaica, N. Y.
REV. JACOB Q. UPP.....South Easton, Pa.

1875.

JOHN W. ALBRECHT.....Warren, Pa.
*WILSON S. BERLIN, M.D.....Allentown, Pa.
*REV JONAS P. GERMAN.....Fritztown, Pa.
REV. CHARLES H. HEMSATH.....Bethlehem, Pa.
REV. NEWTON J. MILLER.....Williamsport, Pa.
*REV. WILLIAM A. PASSAVANT, JR.....Milwaukee, Wis.
EDWIN H. STINE, ESQ.....Allentown, Pa.

1876.

CHARLES H. CAMP, ESQ..... .....Williamsport, Pa.
*REV. HENRY T. CLYMER .....Philadelphia, Pa.
CONSTANTINE D. KIEHEL, ESQ.....Rochester, N. Y.
*REV. JEREMIAH H. KLINE.....Rochester, Pa.
*HON. FRANK E. MEILY.....Lebanon, Pa.
HENRY M. MUHLENBERG, PH.G.....Reading, Pa.
REV. SOLOMON E. OCHSENFORD, D.D. .... Bath, Pa.
JOHN M. SMELTZER.....Myerstown, Pa.
JOHN D. UHRICH, ESQ.....Grantville, Pa.

1877.

*REV. WILLIAM J. BIEBER.....Hellertown, Pa.
MICHAEL A. GRUBER.....Washington, D. C.
*JACOB H. LOSCH, ESQ.....West Point, Neb.
*REV. WILLIAM J. MILLER, D.D.....Greensburg, Pa.
REV. PROF. JOHN SANDER, L.H.D.....Lindstrom, Minn.
*REV. WILBERT P. SHANOR.....Allegheny, Pa.
GEORGE M. VANBUSKIRK, ESQ.....New York, N. Y.
REV. M. LUTHER ZWEIZIG.....Reading, Pa.

1878.

Rev. Charles L. Fry, D.D.....Philadelphia, Pa.
*Preston M. Gernet, Esq.....Bethlehem, Pa.
*Hon. Henry H. Herbst, M.D.....Allentown, Pa.
Rev. Frederick W. Kohler.....Rochester, Pa.
*Hiram P. Kuntz.....Hazleton, Pa.
Rev. D. Henry Reiter.....Quakertown, Pa.
Prof. Oliver G. J. Schaadt, Ph.D.....New York, N. Y.
*Emerson F. Schock, Esq.....Allentown, Pa.
Rev. Daniel A. Shetler.....Philadelphia, Pa.
*Rev. Prof. James D. Woodring, D.D.....Myerstown, Pa.

1879.

Rev. Carl N. Conrad, Ph.D., S.T.D.....Rochester, N. Y.
Rev. Julius W. Knapp, Ph.D.....Summit, N. J.
George D. Krause.....Lebanon, Pa.
*Edwin J. Lichtenwallner, Esq.....Allentown, Pa.
Rev. Wilson M. Rehrig, Ph.D.....Mauch Chunk, Pa.
*Hon. John K. Reinoehl, M.D.....Lebanon, Pa.
Alfred J. P. Roth.....Allentown, Pa.
*George B. Schock, Esq.....Lebanon, Pa.
*Rev. Charles S. Seaman.....Adamsburg, Pa.
Rev. George S. Seaman.....Vineland, N. J.
Hon. Frank M. Trexler, LL.D.....Allentown, Pa.
Rev. John N. Wetzler, Ph.D., D.D.....Brick Church, Pa.

1880.

Rev. James F. Beates.....St. Paul, Minn.
Prof. George T. Ettinger, Ph.D.....Allentown, Pa.
*Jonas F. Kline, Esq.....Allentown, Pa.
*Rev. J. Walker Klingler.....Tremont, Pa.
Marvin O. Koons.....Lehighton, Pa.
*Benjamin Sadtler, B.S., '83.....Denver, Col.
Robert W. Steckel.....Twin Lakes, Col.
Rev. Solomon B. Stupp.....Springfield, Ohio.
Rev. John H. Umbenhen, Ph.D.....Pottsville, Pa.
Rev. Wilson Yeisley.....Greenville, Pa.

1881.

*Thomas M. Angstadt, M.D.....Mahone Bay, N. S.
Rev. Clayton L. Holloway.....Long Beach, Cal.
*William F. Kistler.....Fort Quitman, Tex.

*David J. M. Kuntz, Esq.....Brooklyn, N. Y.
Hon. Joseph W. Mayne.....Allentown, Pa.
Rev. Luther M. McCreery.....Morrisburg, Ont.
*Rev. Oscar D. Miller.....Allentown, Pa.
*Frank H. Reinoehl.....Lebanon, Pa.
*Rev. Charles E. Sandt.....Allentown, Pa.
*J. Allen Schaadt.....Philadelphia, Pa.
Rev. Frank H. Uhrich.....Myerstown, Pa.
James T. Woodring, Esq.....South Bethlehem, Pa.

1882.

Rev. Lewis J. Bickel.....Pottstown, Pa.
Austin A. Glick, Esq.....Catasauqua, Pa.
William R. Grim, Esq.....Texarkana, Tex.
Hon. Aaron B. Hassler.....Lancaster, Pa.
*Rev. Andrew J. Heissler.....Albany, N. Y.
David R. Horne, Esq.....Allentown, Pa.
Rev. Jacob W. Lazarus.....Vinemont. Pa.
Rev. William H. Medlar.....York, Nebraska.
Rev. Edwin L. Miller.....Boston, Mass.
Noah W. Reichard, M.D.....Bangor, Pa.
*Horace Reiter.....Aten, Neb.
Rev. Robert D. Roeder.....DuBois, Pa.
Prof. Samuel C. Schmucker, Ph.D.....West Chester, Pa.
Rev. Edwin H. Smoll.....Schuylkill Haven, Pa.
Oscar J. Stine, Esq.....Catasauqua, Pa.
*Rev. Thomas M. Yundt.....Womelsdorf, Pa.
J. Henry Zweizig, Esq.....Reading, Pa.

1883.

Rev. Jacob J. G. Dubbs.....Coopersburg, Pa.
Rev. John J. Foust.....Glen Cove, N. Y.
Rev. John C. Graepp.....Krem, N. D.
Prof. M. Luther Horne.....Allentown, Pa.
Francis Kayser.....Philadelphia, Pa.
Charles E. Keck, Esq.....Wilkes-Barre, Pa.
Rev. John J. Kline, Ph.D.....Pottstown, Pa.
Dexter L. Rambo.....Chester, S. C.
Rev. Jeremiah H. Ritter.....Allentown, Pa.
Rev. Prof. Wm. A. Sadtler, Ph.D.....Baltimore, Md.
Rev. James O. Schlenker.....Kutztown, Pa.
*Rev. William F. Schoener.....South Bethlehem, Pa.

Rev. R. Morris Smith, D.D.....Washington, Pa.
N. Wiley Thomas, Sc.D.,.....Philadelphia, Pa.
*Irwin S. Uhler, Esq..... Easton, Pa.

1884.

Milton W. Bohn.....Norfolk, Va.
*Rev. Alfred J. L. Breinig..... Bowmanstown, Pa.
John M. Dettra, Esq.....Norristown, Pa.
Prof. Albert B. Erb.....Yorktown, Tex.
Rev. William J. Fink, D.D..... New Market, Va.
Rev. Herman C. Fox, D.D.....Scranton, Pa.
Rev. John J. Heissler.....Trenton, N. J.
Rev. William D. C. Keiter, D.D.....Allentown, Pa.
Rev. Prof. Elmer F. Krauss, D.D.....Chicago, Ill.
Rev. Hiram J. Kuder.....South Bethlehem, Pa.
Rev. James O. Leibensperger.....South Bethlehem, Pa.
*Rev. Oscar E. Pflueger.....Womelsdorf, Pa.
Rev. James J. Reitz.....Walnutport, Pa.
Rev. George J. Schaeffer.....Pitman, Pa.
Rev. George M. Scheidy, B.E.....Allentown, Pa.
Jacob W. Uhrich.....Grantville, Pa.
Valentine J. Uhrich, Esq.....Lebanon, Pa.
Rev. Prof. C. Ernest Wagner.....Lancaster, Pa.
Rev. Samuel G. Weiskotten, D.D.....Brooklyn, N. Y.
Ira Wise, B.S.....Allentown, Pa.
Rev. Prof. William H. Zuber.....Chehalis, Wash.

1885.

Rev. Prof. Charles C. Boyer, Ph.D.....Kutztown, Pa.
*Daniel E. Brunner.....Reading, Pa.
Rev. Frank F. Fry, D.D.....Rochester, N. Y.
Rev. C. F. William Hoppe, D.D.....Savannah, Ga.
Elmer E. Johnson, M.D.....Philadelphia, Pa.
Francis G. Lewis, Esq.....Allentown, Pa.
Rev. Robert B. Lynch.....Kutztown, Pa.
Rev. A. Miles Mehrkam .....Rochester, Pa.
Wilson K. Mohr, Esq.....Allentown, Pa.
Howard S. Seip, D.D.S.....Allentown, Pa.
Rev. Adam M. Weber.....Boyertown, Pa.
Rev. William Weicksel.....New Mayville, Pa.
Rev. Elias A. Yehl.....Rittersville, Pa.

1886.

*Forest M. Fox.....Sumneytown, Pa.
Rev. Charles W. Jefferis..... Doylestown, Pa.
Rev. Edwin F. Keever, D.D..... Utica, N. Y.
Samuel J. Kistler, Esq.....Allentown, Pa.
Prof. Elmer P. Kohler, Ph.D.....Bryn Mawr, Pa.
*Rev. Ernest T. Kretschmann, Ph.D....Anderson, Ind.
*A. Grant Loder, M.D.....Philadelphia, Pa.
Rev. John F. Nicholas, D.D..... Haddon Heights, N. J.
Samuel N. Potteiger, Esq.....Reading, Pa.
George A. Prediger, Esq.....Pittsfield, Mass.
Elmer O. Reyer, Esq.....Northampton, Pa.
Rev. Nelson F. Schmidt.....Schwenksville, Pa.
J. Jeremiah Snyder, Esq.....Allentown, Pa.
Rev. John H. Waidelich.....Sellersville, Pa.
Rev. Henry W. Warmkessel.....Reading, Pa.
*Harry K. Weaver.....New Holland, Pa.

1887.

Rev. James R. Brown.....Reading, Pa.
Raymond E. Butz, M.D.....York, Pa.
Reuben J. Butz, Esq..... Allentown, Pa.
Preston R. Dry.....Reading, Pa.
*Rev. Tilghman F. German.....Philadelphia, Pa.
Milton J. Kuehner.....Allentown, Pa.
Rev. Wm. W. Kramlich.....Weissport, Pa.
Prof. George A. Miller, Ph.D.....Urbana, Ill.
Rev. John W. Richards.....Philadelphia, Pa.
*Clinton J. Schadt, M.D.....New York, N. Y.
Rev. George E. Schettler.....Clarence Center, N. Y.
*Rev. Frank M. Seip.....Allentown, Pa.

1888.

Rev. William F. Bond.....Shamrock, Pa.
Rev. Charles D. Clauss.....Hammonton, N. J.
Rev. Clinton R. Fetter..... Telford, Pa.
Rev. George Gebert, D.D.....Tamaqua, Pa.
Rev. David G. Gerberich.....Prospect, Pa.
*Alfred W. Kistler.....Kempton, Pa.
Rev. James F. Lambert.....Catasauqua, Pa.

RALPH METZGER, ESQ.....Allentown, Pa.
REV. EDWARD F. RITTER.....Lancaster, O.
HENRY F. SCHANTZ, M.D.....Reading, Pa.
REV. OSCAR S. SCHEIRER.....Girardville, Pa.
GEORGE R. ULRICH, D.D.S.....Philadelphia, Pa.
REV. JOHN M. WENRICH.....Wapakoneta, O.

1889.

REV. ERNEST M. GRAHN.....Albany, N. Y.
J. WYLLIS HASSLER, M.D.....New York, N. Y.
*REV. JOHN B. HEIL.....Germansville, Pa.
REV. JOHN W. HORINE, D.D. .....Columbia, S. C.
REV. PRESTON A. LAURY, D.D.....Waterloo, Ont.
REV. ELMER O. LEOPOLD.....Allentown, Pa.
REV. FRANK C. OBERLY.....Butler, Pa.
REV. JOHN H. RAKER.....Allentown, Pa.

1890.

ALBERT J. BITTNER, M.D.....Allentown, Pa.
REV. WILLIAM O. FEGELY.....Trappe, Pa.
DAVID J. GIMLICH.....Pittsfield, Mass.
*ALFRED K. KECK.....White Haven, Pa.
REV. GEORGE S. KLECKNER.....Nazareth, Pa.
REV. IRWIN B. KURTZ, D.D.....Pottstown, Pa.
EVAN B. LEWIS, LL.B.....Philadelphia, Pa.
REV. JACOB H. LONGACRE.....Slatington, Pa.
NATHAN D. MARTIN.....Allentown, Pa.
REV. NEVIN E. MILLER.....Phœnixville, Pa.
HENRY F. PFLUEGER, M.D.....Philadelphia, Pa.
REV. J. CHARLES RAUSCH, D.D.....Allentown, Pa.
*REV. IRWIN B. RITTER.....Allentown, Pa.
JOHN F. SAEGER.....Allentown, Pa.
MARTIN G. SCHAEFFER, ESQ.....Lancaster, Pa.
IRA E. SEIDLE, ESQ.....Lehighton, Pa.
HARRY S. SNYDER, M.D.....Allentown, Pa.
REV. SAMUEL J. ULRICH.....Burnham, Pa.
SAMUEL R. WEAVER, ESQ.....Lancaster, Pa.
REV. JAMES B. WERNER.....Stamford, Conn.
JOHN J. YINGLING.....Allentown, Pa.
*HON. ALFRED J. YOST, M.D.....Allentown, Pa.

1891.

REUBEN H. BACHMAN.....Edenton, N. C.
REV. MILTON J. BIEBER, D.D.....Brooklyn, N. Y.
REV. GEORGE S. BUTZ, D.D.....Littlestown, Pa.
WILLIAM H. COOPER, M.D.....Oakmont, Pa.
PROF. MARTIN S. HARTING.....Allentown, Pa.
HENRY H. HOWER.....Danielsville, Pa.
CHESTER F. KIEHEL, ESQ.....Rochester, N. Y.
REV. WILLIAM W. KISTLER.....Coopersburg, Pa.
EDWIN D. MEIXELL.....Cressona, Pa.
REV. HARRISON E. MOYER.....Aquashicola, Pa.
*PROF. PRESTON P. RODENBERGER.....Charles City, Iowa.
REV. WILLIAM P. SACHS.....St. Louis, Mo.
REV. HIRAM F. J. SENEKER.....Pottstown, Pa.
JOSEPH P. SHIMER.....Allentown, Pa.
REV. CHARLES C. SNYDER.....Quakertown, Pa.
REV. C. WILLIAM T. STRASSER.....Stroudsburg, Pa.
MAJOR THOMAS L. RHOADS, M.D., ...Washington, D. C.

1892.

CLARENCE BECK, ESQ.....Easton, Pa.
OSCAR F. BERNHEIM.....Allentown, Pa.
REV. ULYSSES S. G. BERTOLET.....Philadelphia, Pa.
REV. EDWIN M. BEYSHER.....Sayre, Pa.
HARVEY P. BUTZ.....Seattle, Wash.
REV. FREDERICK DOERR.....Wilmington, Del.
PROF. J. RICHMOND MERKEL.....Kingston, Pa.
REV. ADAM L. RAMER, PH.D.....Allentown, Pa.
REV. H. BRANSON RICHARDS.....Elmira, N. Y.
*REV. CHARLES G. SPIEKER.....Scranton, Pa.
FREDERICK W. SPIEKER, D.D.S.....Portland, Ore.
REV. ISAAC H. STETLER.....Fultonham, O.
REV. EDWARD H. TRAFFORD.....West Pikeland, Pa.
PAUL S. ULRICH.....Lebanon, Pa.
*LEO WISE, ESQ.....Allentown, Pa.

1893.

RODERICK E. ALBRIGHT, M.D.....Allentown, Pa.
SAMUEL B. ANEWALT, JR.....Allentown, Pa.
WILLIAM B. BROBST.....Wallawalla, Wash.
REV. ALFRED O. EBERT.....New Tripoli, Pa.
REV. CHARLES J. GABLE.....Melrose, Pa.

Rev. George A. Kercher.....Mt. Joy, Pa.
Edwin T. Kunkle.....Stroudsburg, Pa.
Rev. William O. Laub.....Reading, Pa.
Rev. Ambrose W. Leibensperger.....Lebanon, Pa.
Charles L. Lichtenwallner, D.D.S.....Lansdale, Pa.
Rev. Joshua H. Miller, Ph.D.....New Castle, Pa.
Edwin J. Mosser, Esq.....Chicago, Ill.
William F. Mosser.....Bethlehem, Pa.
*Hon. William Rick.....Reading, Pa.
*Prof. Charles E. Roos.....New Orleans, La.
Rev. Melville B. Schmoyer.....Macungie, Pa.
Rev. P. George Sieger.....Lancaster, Pa.
Wilson G. Smoyer.....Allentown, Pa.
Rev. Eugene Stetler.....Trevorton, Pa.
Harry A. Yetter, LL.B.....Binghamton, N. Y

1894.

Rev. George D. Druckenmiller.....Hamburg, Pa.
Ira T. Erdman, Esq.....Allentown, Pa.
*Max S. Erdman, Esq.....Allentown, Pa.
Malcolm W. Gross, Esq.....Allentown, Pa.
Rev. J. William H. Heintz.....Philadelphia, Pa.
Allen V. Heyl.....Allentown, Pa.
Rev. William U. Kistler.....Pennsburg, Pa.
Rev. Harry C. Kline.....Bethlehem, Pa.
Rev. Frank C. Longaker Ph.D. .....Hickory, N. C.
Rev. George C. Loos.....East Orange, N. J.
*Prof. William H. S. Miller.....Allentown, Pa.
David A. Miller.....Allentown, Pa.
Samuel P. Miller.....Allentown, Pa.
Rev. Warren Nickel.....Souderton, Pa.
George S. Opp, Mus. B.....Philadelphia, Pa.
*Martin L. Trexler.....Bernville, Pa.
Rev. Frederick W. Wackernagel.....Allentown, Pa.
Rev. Edwin S. Woodring.....Tamaqua, Pa.
Rev. Charles D. Zweier.....Sunbury, Pa.

1895.

Rev. Victor J. Bauer.....Bethlehem, Pa.
*Rev. Vitalis J. Becker.....Springfield, O.
Rev. Preston A. Behler.....Allentown, Pa.
Forley Ebert.....Millville, N. J.

Rev. Warren J. Ellis.....Greenville, Pa.
Rev. Luther D. Gable.....Brooklyn. N. Y.
Ammon A. Killian, Ph.D.....Susquehanna, Pa.
Rev. Charles E. Kistler.....Reading, Pa.
Rev. Edward H. Kistler.....Baltimore, Md.
Rev. Frederick C. Krapf.....Atlantic City, N. J.
Rev. Luther D. Lazarus.....West Bethlehem, Pa.
Rev. Philip A. Lentz.....Chicago, Ill.
Newton T. Miller.....Philadelphia, Pa.
Rev. Harry P. Miller.....Bethlehem, Pa.
Prof. John E. Sandt.....Reading, Pa.
Morris E. Schadt.....Schadts, Pa.
William J. Schmidt.....Freeland, Pa.
Rev. Elmer E. Snyder.....Easton, Pa.
Wellington J. Snyder, Esq.....Philadelphia, Pa.
Joseph H. Stopp, Esq.....Philadelphia, Pa.

1896.

Rev. William Penn Barr.....Weatherly, Pa.
Preston H. Breinig.....Egypt, Pa.
Rev. Frederick E. Cooper.....Milwaukee, Wis.
Rev. George W. Genszler.....Columbia, Pa.
Rev. George A. Greiss.....Allentown, Pa.
Prof. Samuel I. Henry.....Wyomissing, Pa.
Hon. Marcus S. Hottenstein, Esq. ...Washington, D. C.
Rev. J. Frederick Kramlich.....Royersford, Pa.
Oren R. B. Leidy, Esq.....New York, N. Y.
Rev. Milton U. Reinhard.....Allentown, Pa.
Rev. Jeremiah J. Schindel.....Allentown, Pa.
Joseph C. Slough, Esq.....Allentown, Pa.
Rev. John F. Snyder.....Reading, Pa.
Hon. George T. Spang, Esq.....Lebanon, Pa.
Rev. William A. Steinbicker.....Brooklyn, N. Y.
Rev. Marvin H. Stettler.....Reading, Pa.
Rev. S. A. Bridges Stopp.....Allentown, Pa.
Rev. Paul Z. Strodach.....Philadelphia, Pa.
Rev. Samuel G. Trexler.....Buffalo, N. Y.
Rev. L. Domer Ulrich.....Wilkes-Barre, Pa.
Rev. William Marion Weaver.....Ambridge, Pa.
Rev. Edgar P. Xander.....Valley View, Pa.
Prof. John M. Yetter, Pd.D.....East Stroudsburg, Pa.

1897.

*Prof. Clinton J. Everett.....Plymouth, N. C.
Rev. William H. Fehr.....Dushore, Pa.
Rev. William K. Fisher.....Reading, Pa.
Rev. Franklin K. Fretz, Ph.D.....Easton, Pa.
Alfred S. Hartzell, Esq.....Allentown, Pa.
Rev. Wilmer F. Heldt.....Conyngham, Pa.
Rev. Aaron Henry Klick.....Pine Grove, Pa.
Rev. Ira W. Klick.....Strausstown, Pa.
Willard D. Kline, M.D.....Allentown, Pa.
Rev. William M. Kopenhaver.....Macungie, Pa.
Prof. George E. Kramlich.....Galveston, Texas.
G. Fred Kuhl.....Allentown, Pa.
Rev. Henry K. Lantz.....Shiremanstown, Pa.
Rev. Gomer B. Matthews.....Philadelphia, Pa.
Rev. Christian C. Miller.....Honesdale, Pa.
Rev. Francis Miller.....Philadelphia, Pa.
Rev. Ira O. Nothstein.....Rock Island, Ill.
Jay E. Reed.....Pillow, Pa.
Rev. Archibald C. Schenck.....Philadelphia, Pa.
Rev. H. Morris Schofer.....Red Cross, Pa.
Rev. Edgar E. Sieger.....Allentown, Pa.
John F. Stine.....Allentown, Pa.
John H. Sykes.....Allentown, Pa.
Jacob A. Trexler, M.D.....Lehighton, Pa.

1898.

Rev. Charles G. Beck.....North Wales, Pa.
*Rev. William A. Bilheimer.....Youngwood, Pa.
John T. Eckert, Jr., M.D.....Allentown, Pa.
George F. Erdman.....Allentown, Pa.
John S. Fegley, Phar.D.....Allentown, Pa.
Rev. Levi F. Gruber.....St. Paul, Minn.
Rev. Henry F. Hehl.....Philadelphia, Pa.
Rev. William S. Heist.....Pen Argyl, Pa.
Rev. David C. Kaufman.....Emaus, Pa.
Emile J. Keuling.....Scranton, Pa.
*Rev. Edwin L. Kistler.....Sunbury, Pa.
Marvin L. Kleppinger.....Allentown, Pa.
Rev. Prof. George S. Kressley, Litt.D. Kutztown, Pa.
Edwin T. Laubach.....Catasauqua, Pa.
Rev. George I. Lenker..... Southern Pines, N. C.

Rev. Bernard Repass..... Scranton, Pa.
Rev. Will E. Steckel..... Doylestown, Pa.
Rev. John K. Sullenberger.....Allentown, Pa.
John P. Walter.....Ensley, Ala.
Rev. Wesley E. Wenner.....Stone Church, Pa.

1899.

Rev. Willis Beck.....Zumbrota, Minn.
Rev. John A. Bender .....Scranton, Pa.
Rev. James Berg.....Mt. Vernon, N. Y.
Rev. Frank N. D. Buchman.....State College, Pa.
George John Case.....Hokendauqua, Pa.
Rev. D. Elmer Fetherolf.....Pillow, Pa.
Fred. A. Fetherolf, M.S., M.D.....Allentown, Pa.
Luther Warren Fritch.....Macungie, Pa.
F. Nathan Fritch.....Bethlehem, Pa.
John G. Hartley.....Philadelphia, Pa.
Hon. R. K. Hartzell, M.S., M.D.....Reno, Nev.
Wm. A. Hausman, Jr., M.S., M.D.....Allentown, Pa.
Rev. Edgar J. Heilman.....Elizabethville, Pa.
Leidy B. Heist.....Limeport, Pa.
Rev. Jonas Oscar Henry.....Topton, Pa.
Rev. Jonathan A. Klick.....Nazareth, Pa.
Rev. John W. Koch.....Allentown, Pa.
Rev. John Kopp.....Jersey City, N. J.
Ambrose A. Kunkle.....Detroit, Mich.
Rev. Howard A. Kunkle.....Welland, Ont.
Harry R. McCullough.....Allentown, Pa.
Edward Raker, Esq.....Shamokin, Pa.
Charles H. Reagle.....Roselle, N. J.
Rev. Willoughby F. Rex.....Racine, Wis.
Rev. William J. Seiberling.....Mulberry, Ind.
Ira C. Steigerwalt.....Sittler, Pa.
Peter S. Trumbower.....Nazareth, Pa.

In the year 1914 this class installed and presented to their Alma Mater a large four-dial clock for the tower of the Administration building.

1900.

Arthur G. Beck.....Exshaw, Canada.
Frederick R. Bausch, M.D.....Allentown, Pa.
Rev. Elmer D. S. Boyer.....Lafayette, Ind.
Rev. George R. Deisher.....Jonestown, Pa.
Frederick L. Erb.....Slatington, Pa.
Rev. Charles K. Fegley..... Reading, Pa.

Rev. Arthur G. Flexer.....Shamokin, Pa.
Rev. Prof. Robert R. Fritsch.....Allentown, Pa.
Prof. Robert C. Horn.....Allentown, Pa.
Rev. William M. Horn.....New York, N. Y.
Victor J. Koch, M.S., M.D.....Nazareth, Pa.
Rev. Paul G. Krutzky..... N. Tonawanda, N. Y.
Rev. Franklin S. Kuntz.....Philadelphia, Pa.
Raymond W. Lentz.....Allentown, Pa.
Edgar C. Statler, M.D.....Allentown, Pa.
Rev. Harvey L. Straub.....Lehighton, Pa.
Rev. Lewis S. Trump.....Easton, Pa.
Abraham B. Yerger.....Basking Ridge, N. J.

1901.

Rev. Allen L. Benner.....Richmond Hill, N. Y.
Clarence Bickel.....Philadelphia, Pa.
George H. Drumheller.....Earlville, Pa.
James M. Fetherolf.....Ogden, Utah.
William P. Fetherolf..... Santa Monica, Cal.
Daniel W. Hamm, M.S..... Allentown, Pa.
Ralph E. Kline.....New York, N. Y.
Raymond H. Kressler.....Allentown, Pa.
Harry S. Landis.....Allentown, Pa.
Irwin E. Nagle.....Allentown, Pa.
George L. Raether, B.S.....Belleville, Ont.
Fred. P. Reagle.....Montclair, N. J.
Rev. George K. Rubrecht.....Milwaukee, Wis.
Percy B. Ruhe.....Allentown, Pa.
Rev. Irwin O. Schell.....Quakertown, Pa.
Herbert J. Schmoyer, M.S., M.D.....Bethlehem, Pa.
Rev. John Schofer.....Stoutsville, Ohio.
Luther Serfass.....Newcastle, Pa.
Howard E. Shimer.....Newton, N. J.
Rev. Hiram F. Sieger.....Northampton, Pa.
Rev. Edward J. Wackernagel.....Toledo, Ohio.
Rev. S. Martin Wenrich.....East Bangor, Pa.
Rev. J. Howard Worth.....Brooklyn, N. Y.
Thomas McH. Yoder, B.S.....New York City.

1902.

Rev. Allen R. Appel.....Northampton, Pa.
Charles C. Bachman.....Northampton, Pa.

Efenger A. Bartholomew.....Philadelphia, Pa.
Rev. Walter C. Beck.....Warren, Pa.
H. Philemon Brunner, M.D.....Reading, Pa.
*Rev. George S. Fegely.....Souderton, Pa.
*J. Ralphus Freed, Esq.....Doylestown, Pa.
Rev. William H. Gable.....Racine, Wis.
Warren Geiger.....Norristown, Pa.
Charles L. H. Glase.....Oley, Pa.
Rev. Matthias R. Heilig..... Dansville, N. Y.
Lewis A. Ink.....Duluth, Minn.
Rev. Jacob S. Kistler.....East Stroudsburg, Pa.
Prof. Quincy A. Kuehner, Ph.D..... Tamaqua, Pa.
Rev. Anson W. Lindenmuth.....Allentown, Pa.
Theodore L. Lindenstruth.....Wilkes-Barre, Pa.
Russel B. Lynn, B.S., M.D.....Elmira, N. Y.
Moulton E. McFetridge.....Allentown, Pa.
William M. D. Miller, B.S.....Columbia, Pa.
Rev. Samuel E. Moyer.....Perkasie, Pa.
Lawrence H. Rupp, Esq..... Allentown, Pa.
Rev. Jacob F. Scholl.....West Newton, Pa.
Rev. Frank M. Uhrich.....Philadelphia, Pa.
Rev. Joseph L. Weisley.....Forty Fort, Pa.
*John M. Woodring, B.S.....Allentown, Pa.
Clinton Zerweck.....Newark, N. J.

1903.

Harry E. Barndt.....Sellersville, Pa.
Rev. Oliver R. Bittner..... Grantville, Pa.
Rev. Frank Croman.....Elizabethtown, Pa.
Rev. Franklin T. Esterly..... Hazleton, Pa.
John B. Geisinger.....DuBois, Pa.
Prof. Jacob D. Heilman, Ph.D.....Greeley, Col.
Rev. Erwin R. Jaxheimer.....Woodhaven, N. Y.
Rev. Roger C. Kaufman..... Woodstock, Ill.
Edwin K. Kline, Esq..... Allentown, Pa.
Rev. Melvin A. Kurtz.....Lancaster, Pa.
Edward G. Leefeldt.....Trenton, N. J.
R. Lorentz Miller.....Emaus, Pa.
Rev. Paul J. Neff.....Easton, Pa.
*H. E. Orff.....Reading, Pa.
*Rev. Augustus W. Rohrig.....Hazleton, Pa.

WILLIAM H. B. ROTH.....Reading, Pa.
REV. ROBERT SCHLOTTER..... Perth Amboy, N. J.
IRVIN M. SHALTER.....Allentown, Pa.
HARRY W. SHIMER.....Shimersville, Pa.
REV. ARTHUR L. SMITH..... Ricketts, Pa.
GEORGE W. SPECHT.....Hokendauqua, Pa.
REV. C. DANIEL TREXLER.....Brooklyn, N. Y.
JOSEPH M. WEAVER, B.S., M.D.....Allentown, Pa.
CHARLES W. WEBB, ESQ.....Allentown, Pa.
MERVIN J. WERTMAN.....Orefield, Pa.
REV. ORLANDO S. YERGER.....Brooklyn, N. Y.
REV. ALVIN E. YOUSE.....Myerstown, Pa.

1904.

WARREN F. ACKER.....Allentown, Pa.
REV. MARK L. BURGER.....Reading, Pa.
REV. LAWRENCE G. DEILY.....Toledo, Ohio.
FRANK B. DENNIS.....Nazareth, Pa.
REV. MILTON M. DRY..... Nazareth, Pa.
ELLIS W. ERNEY..... New Waterford, O.
REV. JOHN C. FISHER..... Brooklyn, N. Y.
HANS S. GARDNER.....Dante, Va.
BENTON W. H. GOLDSMITH.....Catasauqua, Pa.
LAWRENCE GRIESEMER.....New York, N. Y.
CHARLES A. HAINES.....Slatington, Pa.
EUGENE M. HANDWERK.....Germansville, Pa.
REV. WALTER J. HUNTSINGER.....Marietta, Pa.
WILLIAM H. KEBOCH..... Cetronia, Pa.
REV. J. FRANKLIN KELLER.....Fogelsville, Pa.
WILLIAM R. KLECKNER.....Cowell, Cal.
PETER W. LEISENRING.....Allentown, Pa.
REV. LAWRENCE R. MILLER..... West Leesport, Pa.
REV. FRANCIS E. REICHARD.....Packerton, Pa.
STILLE A. RENTZHEIMER, B.S.....Hellertown, Pa.
REV. GEORGE H. RHODES.....Rural Retreat, Va.
REV. HORACE B. RITTER.....Amityville, Pa.
REV. NORMAN Y. RITTER..... Quakertown, Pa.
GEORGE W. SHERER.....Allentown, Pa.
CHARLES A. SMITH.....New York, N. Y.
REV. DANIEL I. SULTZBACH..... Philadelphia, Pa.
REV. MARTIN J. SWANK..... St. Johns, Pa.
ARTHUR L. WUCHTER.....Allentown, Pa.

1905.

DALLAS H. BASTIAN.....Philadelphia, Pa.
REV. CHARLES H. BOHNER.....Atlantic City, N. J.
REV. WIRT A. DRIES.....Wind Gap, Pa.
HERBERT F. GERNERT, B.S.....Trexlertown, Pa.
GEORGE E. K. GUTH.....Allentown, Pa.
REV. CHARLES G. HEFFNER.....Mohnton, Pa.
JOHN J. HEILMAN.....Walberts, Pa.
REV. CLARENCE E. KEISER.....New Haven, Conn.
REV. I. HOWARD KERN, S.T.D. .....Frackville, Pa.
REV. HARVEY S. KIDD.....Womelsdorf, Pa.
REV. WILLIAM H. KLINE.....Topton, Pa.
JOHN J. MARCKS.....Wescoesville, Pa.
CHARLES W. REINERT.....Coplay, Pa.
REV. FRANK H. REITER.....Philadelphia, Pa.
ROBERT K. ROSENBERGER, B.S., M.D.....Schenectady, N. Y.
CLAUDE G. SHANKWEILER.....Allentown, Pa.
REV. SVEN O. SIGMOND.....Brooklyn, N. Y.
*J. R. TALLMAN.....Pottsville, Pa.
REV. G. LUTHER WEIBEL.....Leacock, Pa.

1906.

REV. THOMAS H. BACHMAN.....Spinnerstown, Pa.
PRESTON A. BARBA, PH.D.. .....Bloomington. Ind.
WARREN E. BITTNER..... .....Allentown, Pa.
REV. JOHN D. M. BROWN.....Allentown, Pa.
*HARRY J. BUTZ, B.S.....Breinigsville, Pa.
REV. WILLIAM S. DRY.....Stouchsburg, Pa.
*EARLE T. HENNINGER.....Eckert, Pa.
CLAUDE O. HOFFMAN.....New York, N. Y.
REV. AUGUST C. KARKAU.....Freeport, N. Y.
REV. HOWARD H. KRAUSS.....Auburn, Pa.
BRYAN W. LAROS, B. S.....Allentown, Pa.
REV. G. JOSEPH MULLER.....Brooklyn, N. Y.
LUTHER A. PFLUEGER.....Valparaiso, Ind.
REV. FREDERICK A. REITER.....Leechburg, Pa.
J. LUTHER REITER.....Allentown, Pa
REV. BENJAMIN L. ROMBERGER.....Wilkes-Barre, Pa.
MILTON H. N. RITTER.....Macungie, Pa.
REV. CHARLES E. RUDY.....Frackville, Pa.
*REV. JOHN W. B. SCHANTZ .....Schwenksville, Pa
JOHN S. SCHNELLER, M.D.....Catasauqua, Pa.
REV. LEIDY B. STERNER.....Weissport, Pa.

1907.

Rev. Jacob W. Bittner.....Kutztown, Pa.
Solomon J. Boyer.....Allentown, Pa.
Rev. Charles F. Dapp.....Spring City, Pa.
Rev. Willis F Deibert.....Birdsboro, Pa.
Charles W. Ettinger.....Allentown, Pa.
Rev. Ambrose Hering .....Pittsburgh, Pa.
Rev. Edward T. Horn, Jr.....Nagoya, Japan.
Harold E. Kuhns.....Egypt, Pa.
Rev. William H. C. Lauer.....Summit Hill, Pa.
Harold K. Marks.....Allentown, Pa.
Russell C. Mauch.....Hellertown, Pa.
Rev. Arthur T. Michler.....Philadelphia, Pa.
Oliver W. Nickum.....Allentown, Pa.
Walter E. Schock.....Philadelphia, Pa.
J. Myron Shimer.....Allentown, Pa.
Elmer B. Ulrich, B.S., Ph.D.....Philadelphia, Pa.

1908.

James W. Anthony..... New York, N. Y.
Sem G. Beck, B.S., M.D.....Hecktown, Pa.
Rev. Fred. L. Coleman.....Rajahmundry, India.
Charles T. Jacks.....Allentown, Pa.
Rev. A. Charles R. Keiter.....Norristown, Pa.
Rev. Morris W. Krause.....Hegins, Pa.
George Kuhl, Esq. .....Allentown, Pa.
Frank H. Marsh.....Allentown, Pa.
Rev. Howard S. Paules.....Perkasie, Pa.
*Rev. Paul H. Rudh.....Freeburg, Pa.
Ralph H. Schatz, Esq.....Allentown, Pa.
Rev. Harry L. Y. Seyler.....Elizabeth, N. J.
Rev. Alfred M. Stump.....Easton, Pa.
Rev. Herbert A. Weaver.....Phillipsburg, N. J.

This class has annually given the second Junior Oratorical Prize of $10.00.

1909.

Rev. John S. Albert.....Minneapolis, Minn.
Warren M. Beidler.....Great Bend, Pa.
James H. S. Bossard, A.M. .....Allentown, Pa.
Allen W. Butz.....Allentown, Pa.

Rev. Floyd L. Eichner.....Stroudsburg. Pa.
Albert C. H. Fasig, M.S. .....Allentown, Pa.
J. Warren Fritsch.....Allentown, Pa.
Rev. Dallas F. Green.....Allentown, Pa.
Benjamin L. Grossman.....Washington, D. C.
Rev. Walter A. Hauser.....Lunenberg, N. S.
Rev. Rufus E. Kern.....Trenton, N. J.
Charles A. Laubach.....Baltimore, Md.
Frederick A. Marcks..... Nazareth, Pa.
Charles McCormick .....Baltimore, Md.
Henry R. Mueller.....Lancaster, Pa.
Rev. Edgar V. Nonamaker.....New Germany, N. S.
Paul M. Reed.....Reading, Pa.
Ralph R. Rudolph.....Portland, Ore.
Roger R. Rupp, M.D.....Coplay, Pa.
J. Calvin Schuger..... Philadelphia, Pa.
John G. Schumaker.....Allentown, Pa.
William B. Shelly.....Quakertown, Pa
Harold W. Shoenberger.....State College, Pa.
Jesse L. Stetler..... Wyomissing, Pa.
Rev. Herman D. Whitteker.....Ambridge, Pa.
Rev. Peter Wohlsen .....Wilkes-Barre, Pa.
Warren A. Ziegenfus .....Allentown, Pa.

1910.

John M. Aberly.....Newbern, N. C.
Austin H. S. Ernst.....Easton, Pa.
Geary E. Everett.....Safford, Ariz.
G. Howard Gelsinger..... Carthage, Ill.
Clayton C. Gernert..... Freemansburg, Pa.
Rev. John Hassler.....Elmira, N. Y.
Jacob H. Horn..... Saddle River, N. J.
Rev. Paul P. Huyett.....Berrysburg, Pa.
Martin S. Kleckner, M.D. .....Allentown, Pa.
Rev. Elbert E. Landis.....Lancaster, Pa.
Rev. Curtis A. Miller.....Washingtonville, Pa.
Rev. Karl L. Reisner.....Philadelphia, Pa.
Rev. Arthur H. Schmoyer.....Weehawken, N. J.
Rev. George H. Shiery.....Millersville, Pa.
Asher H. Shupp.....Greenville, Pa.
Roy F. Shupp..... .....Newbern. N. C.
Kotaro Tanaka .....Tokyo, Japan.

ROBERT R. URICH.....Bethlehem, Pa.
LEON F. WERLEY.....Chapmans, Pa.
JOSIAH A. WERNER.....Hegins, Pa.
REV. NATHAN B. Y. YERGER.....Mountville, Pa.

1911.

RAYMOND R. AMMARELL.....Racine, Wis.
REV. PHILIP S. BARRINGER.....Philadelphia, Pa.
JOHN E. BAUMAN.....Allentown, Pa.
JOHN H. BIEBER.....Kutztown, Pa.
WILLIAM E. BRANDT.....Philadelphia, Pa.
REV. ARTHUR N. BUTZ.....Catasauqua, Pa.
WARREN L. EBERTS.....Wilkinsburg, Pa.
REV. CHARLES L. GRANT.....St. Paul, Minn.
JOHN E. HARTZELL, ESQ.....Allentown, Pa.
REV. ROBERT E. KLINE.....Ashland, Pa.
EDGAR S. LAWALL.....Catasauqua, Pa.
HARVEY R. MILLER.....Allentown, Pa.
ROGER R. RENTSCHLER.....Hamburg, Pa.
FRANCIS H. SMITH.....Philadelphia, Pa.
HARRY G. STUART.....Paterson, N. J.
REV. PAUL C. WEBER.....Macon, Ga.
REV. PAUL B. WOLPER.....Philadelphia, Pa.
REV. FREDERICK C. WUNDER.....New Britain, Conn.

1912.

HENRY J. ALTHENN.....Allentown, Pa.
REV. HENRY J. BROBST.....Tremont, Pa.
WALTER W. BROSSMAN.....New Kensington, Pa.
LANGHORNE W. FINK, D.D.S.....Reading, Pa.
HERBERT B. FREDERICK, ESQ.....Allentown, Pa.
JAMES F. HENNINGER, ESQ.....Allentown, Pa.
SAMUEL J. HENRY.....Blairstown, N. J.
CLARENCE C. HUMMEL.....Catasauqua, Pa.
PAUL DEB. KEEVER.....Utica. N. Y.
ROBERT G. KLECKNER, ESQ.....Allentown, Pa.
JOHN R. KLINE.....Philadelphia, Pa.
REV. PAUL H. KRAUSS.....Pittsburgh, Pa.
ROWLAND W. LEIBY.....Raleigh, N. C.

ADAM F. MILLER ESQ. .....Lebanon, Pa.
ERNEST J. REITER .....Lancaster, Pa.
EDGAR O. REITZ .....Ashland, Pa.
WALTER M. RENTSCHLER .....Pottsville, Pa.
REV. JACOB S. SAVACOOL.....Pottstown, Pa.
JAMES B. SCHOCK .....Hamburg, Pa.
HENRY B. SHELLY .....Quakertown, Pa.
REV. CLARENCE M. SNYDER.....Gouldsboro, Pa.
GEORGE P. STUMP .....Maywood, Ill.
CLARENCE C. TROXELL .....Cementon, Pa.
LUTHER F. WAIDELICH .....Sellersville, Pa.
REV. HARRY M. WERTZ.....Camden, N. J.

1913.

PHARES G. BEER .....Perkasie, Pa.
GEORGE W. BIXLER .....Easton, Pa.
REV. FRANK H. BLATT .....Berne, Pa.
WILLIAM G. BOWSHER .....Chester, Pa.
FRED. P. BUTZ .....Allentown, Pa.
REV. HARRY C. CRESSMAN .....Wildwood, N. J.
REV. ELMER R. DEIBERT .....Pittston, Pa.
WILLIAM F. DREHS .....North Wales, Pa.
CHARLES H. ESSER .....Kutztown, Pa.
SAMUEL S. FOX .....Glassboro, N. J.
REV. DAVID H. FREDERICK .....Hazelton, Pa.
WALTER E. GROFF .....Flatbush, N. Y.
ROBERT T. HUTCHINSON .....South Bethlehem, Pa.
REV. WILLIAM L. KATZ .....Philadelphia, Pa.
REV. CHARLES E. KEIM .....Spring City, Pa.
ALVIN F. KEMP .....Mertztown, Pa.
REV. WALLACE R. KNERR .....Strasburg, Pa.
EDGAR W. KOHLER .....Bath, Pa.
REV. RCBERT H. KRAUSS .....Hellertown, Pa.
EARL G. LOSER .....Progress, Pa.
PAUL LOSER .....Bay Shore, N. Y.
REV. JOHN I. MECK .....Palmyra, Pa.
WM. H. POMP .....Harrisburg, Pa.
CHRISTOPHER J. QUINN .....Paterson, N. J.
CONRAD J. M. RAKER, D.D.S. .....Shamokin, Pa.
MATTHIAS H. RICHARDS .....Philadelphia, Pa.
THEODORE J. RITTER .....Allentown, Pa.

Rev. Luther B. Scheehl ..... Utica, N. Y.
W. Clarence Schlegel ..... Shamokin, Pa.
J. Conrad Seegers ..... Columbia, S. C.
Quintin W. Stauffer ..... Salem, W. Va.
Rev. Carl G. Toebke ..... Brooklyn, N. Y.
Rev. Henry A. Wacker ..... New York City.
John Wenner ..... New Haven, Conn.

In 1913 this class erected and presented as a parting gift to their Alma Mater a 100-foot Oregon pine flag pole, and a large American flag for same.

1914

Elmer H. Bausch ..... Lynnville, Pa.
Ralph H. Bieber ..... Allentown, Pa.
David H. Bucks ..... Leola, Pa.
David S. Cook ..... Philadelphia, Pa.
Edgar Crouthamel ..... Perkasie, Pa.
Arthur S. Deibert ..... Schnecksville, Pa.
George A. Eichler ..... Mauch Chunk, Pa.
John L. Eisenhard ..... Cementon, Pa.
Martin D. Fetherolf ..... Allentown, Pa.
James R. Flexer ..... Allentown, Pa.
Henry J. Fry ..... Philadelphia, Pa.
Charles A. Gebert ..... Tamaqua, Pa.
Arthur P. Grammes ..... Fogelsville, Pa.
William J. Heilman ..... Fullerton, Pa.
Frederick A. Heuer ..... Alexandria, Va.
Clarence F. Hoehle ..... Rittersville, Pa.
Christian P. Jensen ..... Utica, Pa.
Elmer S. Kidd ..... Bath, Pa.
Elmer L. Leisey ..... Denver, Pa.
Walter W. Mock ..... Allentown, Pa.
Herman H. Nenow ..... Allentown, Pa.
T. Ernest Orr ..... Phillipsburg, N. J.
Warren C. Phillips ..... Shoemakersville, Pa.
Charles F. Seidel ..... Allentown, Pa.
Harvey T. Sell ..... Schnecksville, Pa.
Albert H. Skean ..... New York, N. Y.
Rev. Paul V. Taylor ..... Reading, Pa.
Elwood J. Unangst ..... Nazareth, Pa.
Harry S. Ziemer ..... Adamstown, Pa.

As a parting gift to their Alma Mater, this class placed in the tower of the Administration Building a large bell metal tube and the striking attachments to the clock.

1915

HENRY A. BAGGER, ... Brooklyn, N. Y.
HARRISON W. DUBBS, ... Emaus, Pa.
WALTER O. ETTINGER..... Hazleton, Pa.
HARRY B. FEHL ..... Reading, Pa.
MAHLON L. FRANKENFIELD ..... Perkasie, Pa.
WILLIAM A. FREIHOFFER ..... Philadelphia, Pa.
ELMER E. FREDERICK ..... Allentown, Pa.
THEODORE K. FINCK ..... New Market, Va.
J. MELVIN FREED ..... Allentown, Pa.
NEWTON W. GEISS ..... Kutztown, Pa.
FREDERICK A HEMSATH ..... Bethlehem, Pa.
NORBERT R. KAUFFMAN ..... New York, N. Y.
ERNEST R. KEITER ..... Allentown, Pa.
HOWARD R. KISTLER ..... Allentown, Pa.
W. HAROLD LAURY ..... Bethlehem, Pa.
NEVIN L. LOCH ..... Switzer, Pa.
G. DONALD MARKS ..... Allentown, Pa.
RALPH F. MERKLE ..... Allentown, Pa.
REUBEN E. MILLER ..... Easton, Pa.
ERNEST W. MOYER ..... Perkasie, Pa.
WALTER L. REISNER ..... Oswego, N. Y.
RICHARD J. SCHMOYER ..... Allentown, Pa.
ARTHUR D. SEIDEL ..... Reading, Pa.
HARRY M. SMELTZER ..... Reading, Pa.
HENRY L. SNYDER ..... Zionsville, Pa.
EDWARD H. STOLTZENBACH ..... Lima, Ohio
RAYMOND C. WALTERS ..... Rittersville, Pa.
HERBERT H. WENTZ..... Allentown, Pa.
WILLIAM L. WERNER ..... Lebanon, Pa.
THEODORE F. WICHMAN ..... Rochester, N. Y.
LEVI N. YIENGST ..... Lebanon, Pa.
MARK S. YOUNG ..... Allentown, Pa.

A majority of the members of this class as a parting gift to the College insured their lives in favor of their Alma Mater.

1916

GUERNEY F. AFFLERBACH ..... Emaus, Pa.
MAYDEN E. BARNER ..... Allentown, Pa.
HARRY J. BILLOW ..... Herndon, Pa.
MELVILLE J. BOYER ..... Neffs, Pa.
THOMAS J. BRENNAN ..... Pottsville, Pa.
GEORGE BRUBAKER ..... Elmira, N. Y.

Leland Brunner .....Carbondale, Pa.
John G. Davidson .....Coopersburg, Pa.
A. M. Dietrich .....Kutztown, Pa.
John W. Early .....Reading, Pa.
Clifford Eichner .....Bethlehem, Pa.
Carl A. Erickson .....Elmira, N. Y.
Homer D. Everett .....Long Pond, Pa.
Malcolm D. Fleming .....Bellwood, Pa.
C. Luther Fry .....Philadelphia, Pa.
Harry W. Hepner .....Herndon, Pa.
William H. Hollenbach .....Maytown, Pa.
Benjamin A. Hubbard .....Scranton, Pa.
David G. Jaxheimer .....Bethlehem, Pa.
Henry Moehling, Jr. .....Brooklyn, N. Y.
Pern T. Mohn .....Shamokin, Pa.
William S. Ritter .....Allentown, Pa.
Roy Rohr .....Bath, Pa.
W. Russell Rosenberger .....Philadelphia, Pa.
Paul L. Royer .....Rothsville, Pa.
I. L. Schaffer .....Northampton, Pa.
Earl V. Schantz .....Allentown, Pa.
Edward W. Schlechter .....Allentown, Pa.
Luther C. Schmehl .....Reading, Pa.
A. I. Schmoyer .....Allentown, Pa.
Albert G. Shaud .....Annville, Pa.
H. C. Snyder .....Emaus, Pa.
Robley DaCosta Walters .....Bethlehem, Pa.
Homer A. Weaver .....Coopersburg, Pa.
Earnest A Weber .....Boyertown, Pa.
George C. Weida .....Allentown, Pa.
Ralph F. Wetherhold .....Allentown, Pa.
Earl E. Witmer .....Quakertown, Pa.
Russell Young .....Macungie, Pa.
Edward Zimmerman .....Allentown, Pa.

Total 884

ALLENTOWN PREPARATORY SCHOOL.

Formerly Academic Department of Muhlenberg College.

PREPARATORY SCHOOL BOARD.

(ALSO MEMBERS OF THE CENTRAL EXECUTIVE COMMITTEE.)

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Rev. W. D. C. Keiter, D.D., Allentown, Pa.
D. D. Fritch, M.D., Macungie, Pa

FACULTY 1917-1918

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Mathematics

IRWIN M. SHALTER, A.M., *Assistant Principal*
Modern Languages, Mathematics

HOWARD W. FIELDS, C. E.,
Science and Mathematics

ALBERT D. McILHANEY,
Junior Department and Business

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Latin, Greek

FREDERICK ABBUHL, A.B.,
English, German

PERCY L. MEHRING, A.B.,
History

MRS. FRANK G. SIGMAN, *Matron*

WILLIAM A. HAUSMAN, M.S., M.D.,
Visiting Physician

LOCATION

On November sixth, nineteen hundred and fifteen, the Allentown Preparatory School moved from its location in the old Muhlenberg College Building, at Fourth and Walnut, to the new building erected for it on Muhlenberg Heights. It thus becomes part of the group of buildings belonging to Muhlenberg College.

DESCRIPTION

It is hard to imagine how anything for the size and money invested could be better planned and fitted for school purposes than this new building. Built of stone, brick, and reinforced concrete, it is as nearly fireproof as it can be made. Its sanitary arrangements are modern and scientific. There are shower baths on every floor. In addition to ten commodious and well-lighted class-rooms there are a study hall, an auditorium, a gymnasium, chemical laboratory, physical laboratory, library and locker rooms. Two floors are devoted to dormitory rooms, well heated and lighted.

AUDITORIUM AND GYMNASIUM

The auditorium will seat several hundred and is used for chapel exercises, lectures, musicals and school entertainments.

The gymnasium is thoroughly equipped for the purpose intended. It is long, wide and high enough for regulation basket ball. Lockers and shower baths in abundance adjoin the gymnasium. As all the good of school is not to be had from books, attendance at the regular drills in the gymnasium is compulsory, unless the school physician advises against it.

The school has football, baseball, basketball and track teams. Class games are encouraged, so that as many as possible may get the good that is to be derived therefrom.

ATHLETIC FIELDS

The new Allentown Preparatory School has its own campus of fifteen acres, the gift of Charles F. Mosser, of Allentown. Here is located its baseball diamond and football field, tennis courts and track.

FOUR YEAR COURSE OF STUDY

The course of study is constantly being revised to meet the entrance requirements of the best colleges and technical schools. In the classics, in mathematics, in English, in science, in history, the course compares favorably with the best in the land. Not merely this, but the different subjects have been correlated to bring the best results. The certificate of the school is accepted by Muhlenberg, Lehigh, Lafayette, Penn State, University of Pennsylvania, Bucknell, and many others.

There are four courses of study—the Classical, the Latin-Scientific, the Scientific and the Business. The classical prepares for the A.B. course in college; the Latin-Scientific for B.S or the Ph.B. course in college; the scientific meets the entrance requirements of the technical schools; the business course, as its name implies, fits the student for business pursuits.

Of the class of 1916, Muhlenberg received ten, Penn State two, Lehigh three, Franklin and Marshall one, Lebanon Valley one, University of Pennsylvania one, and Notre Dame one. Two did not enter college.

SCHOOL YEAR AND FEES

The year is divided into three terms. Payments are by the term and due at the beginning of each term. The tuition fee for day students is $84.00 per year, and the minimum fee for boarding students is $300.00 per year, depending upon the location of dormitory rooms. This fee

includes—besides tuition—board, room, light, and heat. There is an athletic fee of $6.00, and a fee for the use of materials and apparatus in the laboratories.

THE STUDY HALL

The study period in the evening is for boarding students and for those day students whose parents wish them to attend to get the benefit of the individual instruction given by the teacher in charge. Those schools which have no study period are notably deficient in scholarship. Too much time is lost by the student when his study is not guided by one who knows. This new feature for the Allentown Preparatory School has already proved its merit.

DORMITORY EQUIPMENT

Each student is furnished with a single bed, mattress, pillow, desk, chair and mirror, but he is expected to furnish his own rugs and bed clothing.

JUNIOR DEPARTMENT

For boys who are not yet ready for the regular four years' course, there is the junior department, which is kept separate from the main school. Since the number to be accommodated in this way is not large, there is great opportunity for individual instruction and thus for thoroughness. The subjects taught here are those of the common school—arithmetic, history, grammar, geography, spelling, reading, penmanship and physiology.

SUMMER SCHOOL

During the summer months the Allentown Preparatory School conducts a summer session of seven weeks for the benefit of those who have fallen back in their work, and for those who wish to advance themselves, and for the teachers and others who plan to spend part of their vacation in self-improvement. The summer session of 1917 extends from June 25th to August 4th. The instruction is given by members of the regular school faculty.

STUDENTS

The following names comprise the number of students in our institution during summer session and the present year:

Leard R. Altemus ..... Allentown, Pa.
Carl W. Appel ..... Allentown, Pa.
Douglas H. Barnes ..... Allentown, Pa.
Harold S. Barnes ..... Allentown, Pa.
Alvin L. Barth ..... Wissahickon, Pa.
Frederick C. Barth ..... Wissahickon, Pa.
William D. Beddow ..... Richmond Hill, N. Y.
George W. Berger ..... Emaus, Pa.
George O. Bjerkoe ..... Brooklyn, N. Y.
Frank J. Bernard ..... North Adams, Mass.
Mark Runyon Bittner ..... Allentown, Pa.
George T. Bromley, Jr. ..... Allentown, Pa.
John P. Bronstein ..... Allentown, Pa.
Harvey J. Brown ..... Allentown, Pa.
Karl Brown ..... Allentown, Pa.
William G. Chambers ..... Mt. Vernon, N. Y.
William H. Clark ..... Washington, N. J.
Eddie A. Coppersmith ..... Egypt, Pa.
Alford Corbett ..... Warren, Pa.
Theodore Corbett ..... Warren, Pa.
Amado Bernardo Colon ..... Arecibo, Porto Rico
Joseph Dager ..... Cartagena, Colombia.
Stanley W. Dorney ..... Allentown, Pa.
William M. Dougherty ..... Philadelphia, Pa.
Ricardo C. Echeverri ..... Bogota, Colombia
Joseph E. Espaillat ..... Santiago, Dominican Republic
Eduardo Estrada ..... Girardot, Colombia
Ralph A. Fisher ..... Sinking Spring, Pa.
Paul M. Frank ..... Allentown, Pa.
Carl H. Frehulfer ..... Allentown, Pa.
Arthur H. Freitag ..... Brooklyn, N. Y.
Earl D. Frey ..... Wilkes Barre, Pa.
Pasque A. Gennovario ..... Plainfield, N. J.
Elton G. Hanks ..... Gapsville, Pa.
H. Clay Heintzleman ..... Allentown, Pa.
Paul H. Hildebrand ..... Brooklyn, N. Y.

Eden M. Hood ..... Philadelphia, Pa.
Heston G. Hood ..... Philadelphia, Pa.
Charles H. Horn ..... Rittersville, Pa.
Ralph H. Johnson ..... Easton, Pa.
Maxwell W. Kaplan ..... Allentown, Pa.
Ernest A. Kallenbach ..... Philadelphia, Pa.
Edwin W. Keller ..... Allentown, Pa.
George F. Kerchner, Jr. ..... Macungie, Pa.
Norman D. Kinder ..... Easton, Pa.
Daniel D. Kistler ..... Coopersburg, Pa.
Arlan L. Kline ..... Bethlehem, Pa.
Bernard L. Kline ..... Bethlehem, Pa.
Raymond C. Kohl ..... Buffalo, N. Y.
Edwin L. Kohler ..... Allentown, Pa.
Chester W. Kreis ..... Bethlehem, Pa.
Frederick Landis ..... Allentown, Pa.
Marcus M. Laubach ..... Emaus, Pa.
Francis A. Lundahl ..... Rington, Pa.
Jack M. Mack ..... Allentown, Pa.
Charles A. Matcham ..... Allentown, Pa.
Abe S. Max ..... Allentown, Pa.
Eugene H. Mohr ..... Alburtis, Pa.
William A. Moyer ..... Macungie, Pa.
Stanton E. Nadig ..... Allentown, Pa.
Richard B. Newson ..... Reading, Pa.
Joseph J. O'Keefe ..... Allentown, Pa.
John B. Pelly ..... Brooklyn, N. Y.
Lorenzo L. Pelly ..... Brooklyn, N. Y.
Alexander Poloskey ..... Allentown, Pa.
Henry F. Pruneret ..... Allentown, Pa.
Charles T. Raber ..... Allentown, Pa.
Paul W. Ramer ..... Allentown, Pa.
Norman Rapoport ..... Allentown, Pa.
Raymond Redline ..... Mauch Chunk, Pa.
Howard E. Reichard ..... Allentown, Pa.
Robert R. Reinhard ..... Spring City, Pa.
George M. Reinsmith ..... Allentown, Pa.
Eduardo Restrepo ..... Bogota, Colombia
George Roh ..... Chicago, Ill.
Arlan E. Romig ..... East Texas, Pa.
William H. Ross ..... Allentown, Pa.
Francisco P. Santos ..... Sao Paulo, Brazil

Franklin A. Schall	Northampton, Pa.
Donald Schimpff	Allentown, Pa.
Edward Schimpff	Allentown, Pa.
Stirling C. Schmoyer	Allentown, Pa.
Dean C. Seitz	Allentown, Pa.
Albert H. Shafer	Kresgeville, Pa.
William G. Shane	Allentown, Pa.
Carl T. Sigman	Allentown, Pa.
Frederick Simpson	Allentown, Pa.
Stephen Smodis	So. Bethlehem, Pa.
Paul F. Spieker	Allentown, Pa.
Gardiner D. Spring	Allentown, Pa.
Douglas Steimle	Allentown, Pa.
Joseph S. Stevenson	Allentown, Pa.
Miles G. Stroup	Allentown, Pa.
Andrew Svaska	Allentown, Pa.
Burton Swayze	Allentown, Pa.
George Tongue	Philadelphia, Pa.
Thomas L. Trach	Kresgeville, Pa.
Paul Trauger	Kintnersville, Pa.
Norman E. Vaughn	Blairstown, N. J.
Raymond L. Waller	Allentown, Pa.
Paul Weller	Macungie, Pa.
Raymond H. Werley	Allentown, Pa.
William Wills	Brooklyn, N. Y.
Bonney A. Xavier	New Bedford, Mass.
Cyril E. Yeager	Spring City, Pa.
Richard K. Yehl	Rittersville, Pa.
John Zabadal	Binghampton, N. Y.
Otto B. Zuber	Weissport, Pa.
Frederick R. Collins	Central Bridge, N. Y.

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